

The Official Publication of the Worldwide TV-FM DX Association

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# WORLDWIDE TV-FM DX ASSOCIATION

SERVING THE VHF-UHF DX ENTHUSIAST

THE VHF-UHF DIGEST IS THE OFFICIAL PUBLICATION OF THE WORLDWIDE TV-FM DX ASSOCIATION, DEDICATED TO THE OBSERVATION AND STUDY OF THE PROPAGATION OF LONG DISTANCE TELEVISION AND FM BROADCAST SIGNALS AT VHF AND UHF. W.T.F.D.A. IS GOVERNED BY A BOARD OF DIRECTORS: TOM BRYANT, GREG CONIGLIO, BRUCE HALL, DAVE JANOWIAK, AND BILL THOMPSON.

COMPTROLLER: DAVE JANOWIAK      EDITOR/PUBLISHER: BILL THOMPSON  
FM NEWS: GREG CONIGLIO      CONVENTION CO-ORDINATOR: TOM BRYANT  
TV NEWS: DOUG SMITH      PSB: BILL HEPBURN      SATELLITES: GEORGE JENSEN  
LAYOUT: BILL THOMPSON      COVER DESIGN: HARRY HAYES      PHOTOS: JEFF KRUSZKA  
EDITORIAL STAFF: TOM BRYANT, DANNY BUNTIN, GREG CONIGLIO, VICTOR FRANK,  
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## FROM THE STAFF:

**SNOW? DXERS LOVE IT!** Not necessarily the wet stuff that makes life miserable in most parts of North America at this time of the year...but the kind on our TV screens that mysteriously organizes itself into images...*hopefully* from distant stations. Many WTFDAers were treated to a good helping of rare November E-skip; and as this is written in mid-December, winter Es openings have apparently been more numerous than usual. Willis Monk and Victor Frank have details in their respective DX columns elsewhere in this issue.

**QUIET, ISN'T IT?** As is usually the case, this is a relatively quiet time of the year for WTFDA happenings. Details on our late-summer convention in Georgia should be available for publication next month. Also expected for the February VUD; the 1996 financial report. Meanwhile, keep sending your reports, pictures and letters to the column editors. If you don't tell 'em...they can't report it!

**ANARC NEWS:** (*Provided by WTFDA's ANARC representative Ernest J. Wesolowski of Omaha, NE*) Executive Board elections are over and here are the members for 1997: JON COHEN, BILL COLE, DAVE MARSHALL, JOHN MCCOLMAN and JOHN VODENIK. Eleven clubs took part in the election; six did not vote. Total membership in all 17 member clubs is 5,524; down 2,180 from last year due to the demise of ADXR, SPEEDX and RCMA. Of the clubs still in the association, the membership drop was 3.6%. Thanks to Richard A. D'Angelo who is retiring as Chairman. Finally, a reminder to attend the **WINTER SWL GATHERING** at the Holiday Inn in Kulpsville, PA March 13-15. About 200 DXers are expected to attend this annual event which features one hour forums devoted to every aspect of DXing. WTFDA members are encouraged to attend. For full information write Ernie at 13312 Westwood Lane; Omaha, NE 68144.

# WTFDA Mailbox

Worldwide TV-FM DX Association  
PO Box 17333  
Asheville, NC 28816-7333

**January, 1997** Edited by: Matthew C. Sittel. E-mail: 76255.2171@Compuserve.com

## January, 1997 Renewal\$ Due:

John Broomall, Danny Buntin, Felix Collier, Wallace H. Dickson, Jim Dietrich, Brian Farnsworth, Albert P. Gordon, Mike Hollis, Scott Hood, Rick Knell, Tony Lacosta, Rod Luoma, Paul Mitschler, Peter Oprisko, Ken Simon, William Wyllie.

## New members! Welcome!

Giovanni Bellabarba, Bologna, ITALY  
Ed Locker, Newark, OH

\* Jeff Kruszka, Baton Rouge, LA

Well, since there is a lull in DX activity lately, I thought I'd write a memo to forum. First, let me reintroduce myself. I am 33 years old, recently married (to a Cajun girl!), and am a chemical engineer by profession. After meeting a lot of other DXers at several WTFDA conventions, I think I'm one of the few employed in a profession that is not TV, radio, or electronics-oriented. I'm originally from Ohio, but if you've followed my exploits in the VUD you know that I've spent some "DX time" in Richland, WA and Metairie, LA. Ever since I started working I seem to move about every 4 years, which, if the pattern held true, I should be moving again in about 6 months. However, I've really settled down here in Baton Rouge, and I don't plan to move right now. Besides, it's hard to leave a location for Gulf tropo, hi!

Since 1992, I've improved my antenna setup from a cheap, Radio Shack corner reflector with no amp for UHF and quad loops for VHF, to an 8-bay UHF and a Crossfire VHF antenna, both with RDX Labs preamps. I can't begin to tell you what a difference it makes! Not only does it make more DX reception possible, it makes the whole DXing experience more enjoyable. For those of you contemplating buying an amp for the first time, or a larger antenna, while it may be a big investment for some, it is worth it. I had concerns, too; I wasn't sure if the amp would be a hindrance, producing bleedover on adjacent channels to locals. While this is true to some extent, it all but disappears during openings. And it even has allowed me to see stations through locals!

Some DXers have asked in the past what is the best TV set or VCR to buy. As for TV sets, I can vouch for the Zenith line as being one of the best. And if you look in the VUD, you'll see that a lot of the veterans use Zenith - Eckberg, Merrill, Nieman, Kadet, Oglethorpe and Aden to name a few. While an ICOM R-7000 with video adapter may be the ultimate DX machine, Zenith sets are probably in a better price range for most. As for VCRs, I have tested many, including Zenith, Panasonic, and JVC, and I like the Mitsubishi's the best. Not only do they have a lot of helpful features such as indexing, multispeed slow motion, etc., you can also defeat the video mute for weak signal recording. I have not used it as a tuner since I got my camcorder a couple of years ago, but I noticed that several DXers do use Mitsubishi VCRs as such.

While some people are lamenting the potential forthcoming "sunsetting" of TV DX, I've seen some recent improvements that aid DXers. Have you noticed how many stations super IDs and logos (transparent or otherwise) these days? It's sure helped me ID more than a few new stations. And with the introduction of these mini satellite dishes, it has become necessary to have a "regular" antenna for local stations if one drops their cable subscription. So potential DXers may once again have an opportunity to be exposed to our hobby if they currently live in an all-cable environment. I sure wish

someone would volunteer to make a pocket TV station list, though. While Doug Smith's database is comprehensive, it's not as handy as I would like. I still have my first edition North American TV Database from 1987, which I update every month with info from Doug's TV News column. While it's getting worn and has endured several Scotch tape repairs, it's much easier to page through and find a station in a flash during a big opening.

Reading Tom Bryant's column in November made me reminisce about my "early years" in Ohio (1980, hi!). I originally got interested in DXing through shortwave radio, and learned about WTFDA through the Worldwide Radio-TV Handbook. I ordered "Beyond Shortwave" and some sample VUD's, and while I had experienced some tropo, the E-skip reports intrigued me. Once I started looking for it, it wasn't long before I got my first station by this mode. I can remember it like it was yesterday. It was WESH-2 Daytona Beach, FL from Elyria, OH, about 11:20pm in June, 1980. I remember because I saw the local weather from Daytona Beach. I was so excited, I ran downstairs to tell my parents, who responded with a "hmmm-that's interesting" ho-hum attitude. Like Tom, I didn't keep good records that first summer, but soon realized I wanted to preserve those memories and started keeping logs the next year.

I hope everyone has a great New Year, and keep your photos coming!

---

\* Richard W. Turner, 286 Hixville Road, North Dartmouth, MA 02747-1938

E-mail: Turner286@aol.com

Greetings, everyone. I have recently joined the WTFDA and I am a newcomer to FM DXing. I am 42 years old, married with no children, and work as a shoe salesman for JCPenney. I have been DXing, mostly SW and AM since 1967, and I am a member of the NRC. I first became interested in FM DXing this past summer when I turned on the radio and, instead of hearing local WXTK-94.9, I heard WHOM in Mount Washington, NH. Needless to say, I became hooked and have since then logged about 67 stations in 6 states. I use a Radio Shack STA-300 and an amplified indoor FM antenna. I have noticed a similarity between FM and the AM graveyard channels, in that they are both unpredictable in terms of results. Hope all have a joyous holiday season. 73s de Rick Turner

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\* Eric Bueneman (N0UIH), 631 Coachway Lane, Hazelwood, MO 63042-1347

E-mail: EricB631@juno.com

Another FM DX season has come and gone here in Mid-America, and unlike Glenn Hauser and Danny Buntin, my DX channels aren't as clogged here! I still managed to increase my totals over the summer, and after a revision of my FM logbook (after losing the original one while transferring it to diskette), my totals at this location now stand at 311. It's interesting to note that on FM, Missouri and Illinois are tied as my most productive states, with 68 stations from each state. By contrast, Illinois is my most productive TV state with 35 stations, with Missouri tied for a somewhat distant third with Ohio, tallying 23 each.

Here at my QTH, I've lost only two good DX channels... 91.5 and 95.5. I can null KNSX-93.3 (their coverage includes St. Louis' far western suburbs and mid-Missouri, 100kW, class C1) to hear DX, and still can be able to null KFAV-99.9 to hear WOOZ on some mornings. KZMM-100.7 signs off at 1am, so I can still hear KGMO (sometimes hearing them with KZMM on!). 91.5 is now clogged by KSIV-FM 24 hours a day, while 95.5 has WFUN parked there.

Danny's been complaining about the translator network for WAFR-88.3 Tupelo, MS (and similar networks set up by religious stations). It would be just as legitimate if, for the sake of discussion, KCFV-89.5 Ferguson, MO set up a similar one to spread its Modern Rock/Variety format across the

wide open spaces of the United States. Doug Smith calls it "translator abuse", and I don't blame him. I also don't blame Danny for complaining about WAFR's growing network. The closest WAFR translator to St. Louis is on 91.1 in Park Hills, MO (I can't hear 'em anyway, since WIBI Carlinville, IL blocks the channel, between locals KWMU-90.7 and KSIV-91.5). A translator for WAFR will not work in St. Louis for several reasons. First, St. Louis has a radical conservative Christian talker of it's own, KJSL-630. Second, the religious demographics of St. Louis will not support such a station, since the market for this kind of old-fashioned radio has already been taken. Third, the St. Louis area is mostly Catholic and Lutheran (Missouri Synod). Fourth, the majority of Protestants in St. Louis have KSIV-1320, KSIV-FM 91.5, WCBW-104.9 and KXEN-1010 to choose from.

As for Danny's comments on so-called "pirate" stations...some micro-power FM stations are, in fact, legal! My station, "KCGR"-107.1 ("Cougar 107"), is what is known as a Part 15 radio station. These stations run an ERP of less than one watt (mine runs around 800 milliwatts), and cover an area of three miles or less. My station covers an area of about half a mile, using a secondhand Ramsey Electronics FM-10 transmitter. The station usually runs a pop-oriented 70's format, but is now off for maintenance. When it's on, it's 24 hours (I turn off my station when DX is in...making 107.1 fair game!). My viewpoint is more moderate than that of Stephen Dunifer, believing that anyone can, and should, be able to obtain a job in commercial broadcasting, even if that person has a disability. However, a maximum filing fee of \$6,000 is way too high. A more reasonable maximum filing fee, no higher than, say \$2,500, is ideal in this day and age.

Here's hoping 1997 is an excellent DX year... 73 from Eric-N0UIH.

(Eric also sends word that his grandmother passed away on November 19, 1996. We at WTFDA extend our sympathies to Eric and his family. -mcs)

\* John M. Adams, Seaside, OR

Does anyone know where the 1979 WTFDA Convention was held? I am compiling a list of WTFDA Convention locations, and the 1979 Convention location is the only one I haven't been able to determine. I am enclosing a list of what I believe are the WTFDA Convention locations; corrections and additions welcome.

1969: Steger, IL	1979: ???	1989: Syracuse, NY
1970: Dunkirk, NY	1980: Dunkirk, NY	1990: Manassas, VA
1971: East Lansing, MI	1981: Oklahoma City, OK	1991: Dunkirk, NY
1972: Marrero, LA	1982: New York, NY	1992: Pittsburgh, PA
1973: Dunkirk, NY	1983: Dunkirk, NY	1993: Nashville, TN
1974: Topeka, KS	1984: Jamestown, NY	1994: none
1975: Fort Lauderdale, FL	1985: Marrero, LA	1995: Wilmington, NY
1976: Chicago, IL	1986: Jamestown, NY	1996: Estes Park, CO
1977: Portland, OR	1987: Esko, MN	1997: Cohutta, GA
1978: Louisville, KY	1988: Cohutta, GA	

Sources: TV Time Tunnel column, May-June 1995 VUD, various issues of VUD 1983-1996.

Also, can some Canadian member write to the Canadian office of TV Guide and obtain a list of Canadian TV Guide editions. I have written them several times and have never received an answer (maybe they can't or won't respond to an inquiry from the U.S.?) I am enclosing a recent list of U.S. editions of TV Guide I recently obtained from them.

# US TV Guide Editions (121) (as of 2/27/96)

Albany	Kansas City	Sacramento Cable
Arkansas	Kansas State	Salt Lake
Atlanta	Kentucky	San Antonio
Baltimore	Knoxville-Chattanooga	San Diego
Boston	Los Angeles	San Diego-Cox Cable
Bristol-Kingsport-Johnson City	Louisiana	San Francisco Metro
Brooklyn-Queens	Maine	Santa Barbara-Bakersfield
Buffalo Metro	Memphis	Shreveport-Texarkana
Central Indiana	Minneapolis-St. Paul	South Carolina
Central Mississippi	Minnesota State	South Georgia
Central Pennsylvania	Missouri	South Mississippi
Central Virginia	Montana	South Texas
Charlotte	Nashville	Southeast Pennsylvania
Chicago	Nebraska	Southeast Texas
Cincinnati	Nevada	Southern Alabama
Cleveland Metro	New Hampshire	Southern Colorado
Columbus Metro	New Mexico	Southern Florida
Dallas-Fort Worth	New Orleans	Spokane
Dayton	New York Metro	Springfield-Chicopee-Holyoke
Denver	North Dakota	St. Louis
Detroit	North Texas	Staten Island Cable
Eastern Illinois	Northern Alabama	Syracuse
Eastern North Carolina	Northern California	Tampa-Sarasota
Eastern Virginia	Northern Colorado	TCI of Northern New Jersey
Eastern Washington State	Northern Florida	Time Warner Cable Manhattan
Evansville-Paducah	Northern Indiana	Time Warner of Greater Boston
Flint-Lansing	Northern Michigan	Time Warner of Northeast Ohio
Fresno	Northern Ohio	Toledo-Lima
Garden State Cable TV	Northern Wisconsin	Tucson
Grand Rapids	Oklahoma City	Tulsa
Greater Omaha	Oregon State	US West
Greenville-Spartanburg-Asheville	Orlando	Vermont
Gulf Coast	Paragon Cable-Tampa Bay	Washington
Hartford-New Haven	Pennsylvania-New York	West Texas
Hawaii	Philadelphia	West Virginia
Houston	Phoenix	Western Illinois
Idaho	Pittsburgh Metro	Western New York State
Illinois-Wisconsin	Portland	Western Washington State
Iowa	Providence	Wheeling-Steubenville
Johnstown-Altoona	Puget Sound-Viacom Cable	Youngstown-Erie
	Rochester	** Source: TV Guide HQ, Radnor, PA

Also, during the week of November 4-10, TBN was having another one of their fundraisers. On the night of the 4th, they were listing the cities where they plan to start new stations or upgrade existing ones. I am enclosing a list of these cities. Only cities were mentioned on TBN; no calls or channels. I have added calls where I have found TBN stations listed for that city.

Presently under active construction: Eureka, CA, Fayetteville, NC, Jacksonville, NC, Lumberton, NC, Meridian, MS, Norfolk, NE, Oshkosh, WI, Pittsburgh, PA (W65CG - this one apparently just signed on the night of the 4th), Port Charlotte, FL.

Existing station being upgraded: Ogden, UT (K64CJ).

Existing stations to be upgraded permits granted: Austin, TX (K63DR), Baton Rouge, LA (K56DR), Cedar Rapids, IA (K61FF), Champaign, IL (W34AY), Charleston, SC (W44AX), Flagstaff, AZ (K62BA), Palatine/Chicago, IL, Pocatello, ID, Uvalde, TX (K15BV).

Awaiting permits: Albany, GA, Binghamton, NY (W14AH), Charlotte, NC (W68BL, W62BV), Chico, CA, Coalinga, CA, Corpus Christi, TX, Cottonwood, AZ (K58AV), Cresaptown, MD (W16AE), Elgin, IL, Erie, PA (W42BA), Goldsboro, NC (W59BA), Greenville, NC (W54BR), Junction City, KS (K26BZ, K25DS), Kingsville, TX, Minneapolis, MN (K58BS), San Antonio, TX (K20BW, K33CK), Santa Barbara, CA (K15DB), Springfield, MA, Tampa, FL (W68CF), Vernal, UT (K39AK), Waterloo, IA (K65BY), Waukegan, IL (W22AJ), Wilmington, NC (W20AL), Youngstown, OH (W39AJ).

New stations under active development, permits granted: Beaufort, SC, Bismarck, ND, Dickinson, ND, Hot Springs, AR, Idaho Falls, ID, Jonesboro, AR, Macon, GA, Minot, ND (K31EQ), Naples, FL, Paragould, AR, Rocky Mount, NC (W53BF), Springfield, MO (K52DH), Tahlequah, OK (K45ER), Wenatchee, WA.

New stations under active development, awaiting permits: Altoona, PA, Banning, CA, Cadillac, MI, Cincinnati, OH, Elmira, NY, Haverhill, MA, Modesto, CA, Rome, GA

Proposed new stations: Abbeville, SC, Cheyenne, WY, Key West, FL, Logan, UT, Provo, UT, Traverse City, MI, Wausau, WI (K29DG), Wisconsin Rapids, WI.

New affiliates under development: Altus, OK, Bardstown, KY, Brownfield, TX, Crockett, TX, Dimmitt/Hereford, TX, Findlay, OH (W60??, ex-W46BX, Toledo OH), Geneva, NY (W26BG- to Ithaca?), Honolulu, HI (KOBN-26), Jamestown, NY, Jellico, TN, Kearney, NE, Littlefield, TX, Mayville, WI (WWRS-52), Memphis, TN (W65BF), Richmond, VA (W02BN), Sacramento, CA (K69FB), Scranton, PA, Shelbyville, KY, Syracuse, NY (W59CH), Waco, TX (K53EN, ex-Temple).

Existing affiliates to be upgraded: West Palm Beach, FL, Columbus, OH (W24BK), Toledo, OH (W57BK, W68CD), Salt Lake City, UT (K36CJ).

Sources for call info: 1992 TV Factbook, 1995 North American TV Database, various VUDs, 1995-96.

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**CCI/unIDentified DX:** Danny Oglethorpe of Shreveport, LA has an unID... "October 18, 1996, at about 1125 CDT on channel 2 (Es). My suspicion is Panama. There may be two stations here (one not in Panama). Apparently, a CBS on channel 5 is being relayed from the US at first. A plain graphic without any calls, logo, or slogan is seen that says, "NEWS 5 LIVE". That is followed by one of those ID/promos that CBS is running before (or after) their programs. (The ones with a CBS celebrity standing by a CBS eye.) After a deep fade, an animated graphic shows such initials as PAN, PT, PRI and PDM with logos. Next comes a graphic that reads, "Comision de Radiodifusion". Then, news in Spanish. I've seen sporting events from US networks (mostly NBC) relayed by what I believe to be Cubans, but never anything else. In addition, I can't imagine an American CBS affiliate on channel 5 that would be so poor as to not have their calls, logo, or slogan on that News 5 graphic. Nothing from Panama or anywhere in Central America or the Caribbean listed in the 1994 WRTH matches what I saw. By the way, the video was weak, while audio was nonexistent at times. The signals were from the south-southwest."

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**For sale:** The Venezuela TV List 1997, a 14-page booklet, is now available. It includes a complete list of TV stations in Venezuela with channels, addresses, phone and fax numbers, transmitter locations and power, ordered by channel. You can obtain it via certified air mail, by sending \$8 US to: Manuel A. Rodriguez Lanza, PO Box 65657, Caracas 1066-A, Venezuela, or to: Dario Monferini - Play DX, via Davanzati 8, 20158 Milano, Italy. (Thanks to Ken Simon for this information.)

# WTFDA SPECIAL REPORT

Greg Coniglio  
90 Slate Creek Dr. Apt #3  
Cheektowaga, NY 14227  
coniglio@localnet.com

## • 1996 FM E-skip summary •

Reports are taken from the Northern and Southern FM DX columns up to the December 96 VUD. "All-time" records refer to the period 1981-1996, as that is as far back as my records go, as I do not have any access to earlier VUDs. Special thanks to Doug Smith for assistance compiling this summary! @ = new all-time record

### THE TOP 20 OPENINGS OF 1996:

DATE	TOTAL	#rep	avg	MUF	high	TV-rank
1. June 11	<b>325</b>	<b>19</b>	<b>17.11</b>	107.9	48	<b>2</b>
2. July 1	255	17	15.00	<b>144.2</b>	<b>63</b>	*
3. June 18	217	14	15.50	107.9	50	12
4. July 11	197	12	16.41	107.9	52	10
5. July 7	155	17	9.12	107.7	26	*
6. July 9	151	8	13.88	107.9	30	4
7. July 2	98	10	9.80	107.9	27	*
8. May 29	92	6	15.33	105.1	33	*
9. May 21	90	9	10.00	108.0	55	7
10. July 10	87	10	8.70	107.5	20	*
11. July 6	74	10	7.40	107.9	20	*
12. June 20	72	7	10.29	<b>144.2</b>	20	6
13. May 24	67	7	9.57	107.5	21	11
14. May 31	61	8	7.63	106.5	27	*
15. June 17	60	12	5.00	104.1	15	5
16. June 10	59	7	8.43	106.9	22	*
17. June 9	59	10	5.90	107.9	8	13
18. July 4	56	9	6.22	106.7	26	*
19. May 23	50	12	4.17	106.5	10	*
20. May 28	49	9	5.44	106.7	28	*

### SKIP RESULTS BY MONTH:

MONTH	TOT	#days	avg	avg MUF	rank
MARCH	8	1	8.00	99.9	*
APRIL	3	1	3.00	94.9	6th
MAY	489	15	32.60	101.26	7th
JUNE	959	20	47.95	103.18	12th
JULY	1180	22	53.64	103.57	10th
AUGUST	104	8	13.00	104.24	9th

1996 TOTAL-SEASON RANK: 11th/16

(rank is for seasons 1981 to 1996. No ranks compiled outside April-Sept. at this time)

1996 TOTAL:	2743	67 days	avg of 40.94	loggings per opening	Average MUF = 102.83
1995 stats:	3746	74 days	avg of 50.62	loggings per opening	Average MUF = 104.00
1994 stats:	8567@	84 days	avg of 101.99@	loggings per opening	Average MUF = 106.26
1993 stats:	2688	55 days	avg of 48.87	loggings per opening	Average MUF = 101.43

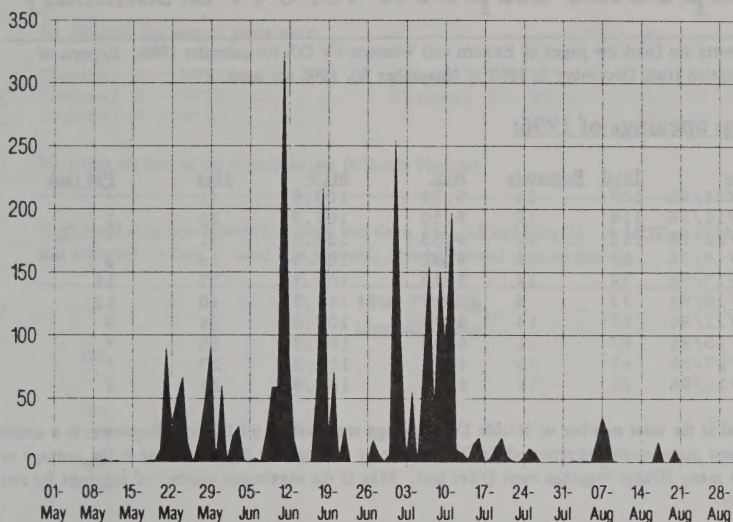
### KEY (top 20 list):

TOTAL - total number of FM loggings reported on that day  
#rep - number of DXers that reported hearing FM skip that day  
avg - average number of FM loggings per DXer that day (TOTAL ÷ #rep)  
MUF - maximum useable frequency noted on that day  
high - most FM loggings reported by an individual DXer on that day  
TV rank - the ranking of this skip day in Doug Smith's 1996 TV E-skip report.

### KEY (breakdown by month):

TOT - total number of FM loggings reported during that month  
# days - number of days that month that FM loggings were reported  
avg - the average number of FM loggings per DXer per day during that month  
avg MUF - the average maximum useable frequency noted for skip openings during that month  
rank - how this month in 1996 compared to the 'all-time records' (1981-1996)

# 1996 SKIP SEASON - LOGGINGS EACH DAY



MAJOR OPENING (200 loggings): 3 openings (June 11, 18, July 1)

## BREAKDOWN BY MUF (maximum useable frequency)

MUF noted	#openings this high	percent of season	APR	MAY	JUNE	JUL	AUG	SEP
up to 108 Mhz+	5	7.46%	0	2	1	2	1	0
up to 107.9 Mhz	16	23.88%	0	2	5	7	2	0
up to 105.1 Mhz	27	40.30%	0	7	8	10	2	0
up to 100.1 Mhz	42	62.69%	0	8	14	15	5	0
up to 98.5 Mhz	44	65.67%	0	9	14	15	5	0
up to 96.1 Mhz	47	70.15%	0	10	14	17	5	0
up to 92.1 Mhz	61	91.04%	1	15	18	20	6	0
up to 88.1 Mhz	67	100.00%	1	15	20	22	8	0

(There was also an FM opening reported March 19, 1996 with an MUF of 99.9)

## A look back on previous E-skip seasons...

YEAR	TOTAL	#days	aver	Apr.	May	Jun.	Jul.	Aug.	Sep.
1996	2743	67	40.94	3	489	959	1180	104	0
1995	3746	74	50.62	2	406	891	2249	143	0
1994	8567	84	101.99	227	1454	5158	1574	153	1
1993	2688	55	48.87	0	57	1762	809	46	11
1992	2674	44	48.61	0	840	1523	140	99	0
1991	4003	78	51.32	0	483	1064	1929	356	10
1990	4980	68	73.24	0	2019	1603	1258	74	13
1989	3848	74	52.00	1	581	550	2031	531	0
1988	1965	67	29.33	0	357	1186	307	33	0
1987	4922	82	60.02	59	209	2661	1686	300	0
1986	2951	73	40.42	21	802	978	469	573	18
1985	1786	64	27.91	0	170	842	614	11	66
1984	1639	87	18.84	40	550	515	332	72	11
1983	3856	76	50.74	0	373	1525	1714	112	0
1982	4333	74	57.77	20	425	2038	1508	334	0
1981	3366	59	57.05	1	424	1085	1625	228	0
TOTAL	58067	1126	51.57	372	9639	24340	19425	3169	130

Overall, this was a disappointing season all around. Only five years have been worse, and only 1993 & 1992 have been worse this decade. By contrast, 1994 had over three times as many loggings as this year! Only a few bursts of heavy activity saved this from being a complete disaster, early July being one of those bursts. Note that no openings reached "outstanding" status (400 loggings) and only three reached "major" status (200 loggings), quite a decrease from recent years (see previous years' reports). Coincidentally, June 11 and July 1, the two best days this year, have been well represented with good openings in previous years as well.

# Special Report: 1996 TV Es summary

Reports are from the pages of Eastern and Western TV DX for calendar 1996. Reports of reception from December 1, 1995 to November 30, 1996 are used.

## Top openings of 1996:

<u>Date</u>	<u>Total</u>	<u>Reporters</u>	<u>Avg.</u>	<u>MUF</u>	<u>Max</u>	<u>FM rank</u>
12/26/95	137	14	9.79	107.9	41	*
6/11/96	114	12	9.50	107.9	23	1
5/22/96	112	12	9.33	116.5	31	*
7/ 9/96	83	12	6.92	107.9	26	6
6/17/96	74	14	5.29	104.1	23	15
6/20/96	73	6	12.17	144.2	40	12
5/21/96	67	14	4.79	108.0	24	9
12/25/95	67	11	6.09	106.3	15	*
12/27/95	67	10	6.70	107.3	27	*
7/11/96	66	14	4.71	107.9	21	4

Total is the total number of IDable DX loggings reported by all DXers. Reporters is a count of how many members reported Es DX (IDable or not) on that day. Average is the average of how many IDable loggings each DXer had. Max is the maximum number of loggings by one DXer.

If I hadn't counted dates in December 1995, the next three openings would have been 5/24/96 (62 loggings), 6/18/96 (60), and 6/9/96. (59)

## Monthly Breakdown:

<u>Month</u>	<u>Es loggings</u>	<u>Es days</u>	<u>Loggings per day</u>
January	28	11	2.55
February	9	9	1.00
March	43	11	3.91
April	37	11	3.36
May	651	28	23.25
June	830	29	28.62
July	756	26	29.08
August	219	22	9.95
September	13	9	1.44
October	9	4	2.25
November	2	1	2.00
December	357	17	21.00
Total:	2,954	178	16.60
1995:	3,391	160	
1994:	2,253	118	
1993:	1,585	102	

Many of us considered 1996 a dud year, but the statistics would seem to show otherwise! It wasn't quite as good as 1995 in total loggings, but it had more days of skip than any year in my records.

## Pests:

The following stations were the biggest Es pests in 1996:

WPBT-2	(99)	WCBD-2	(48)
WEDU-3	(79)	KNAZ-2	(46)
WESH-2	(74)	KGAN-2	(44)
WUND-2	(51)	WJBK-4	(44)
KPRC-2	(51)	KWGN-2	(43), tied with WFOR-4 (43)

By channel, the biggest pests were:

Channel 2 - WPBT  
Channel 4 - WFOR  
Channel 6 - WTVJ

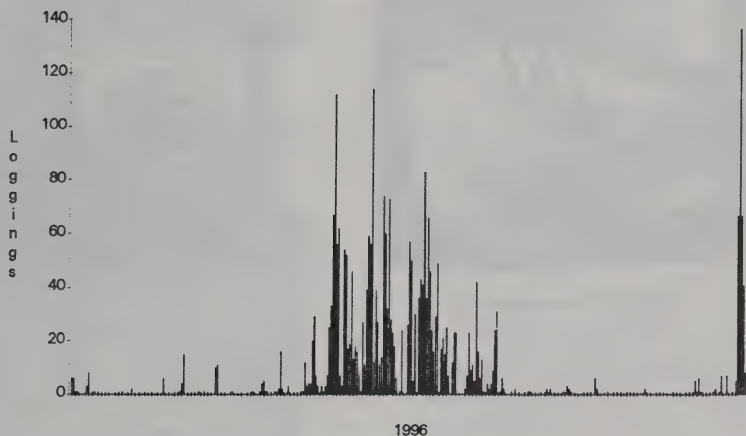
Channel 3 - WEDU  
Channel 5 - WPTV

Note that all five of these stations are in South Florida!

High-band skip was reported on only two days, May 18 and May 31. A MUF of 162MHz was reported on July 1; there was probably also high-band skip on this day.

### 1996 TV Skip

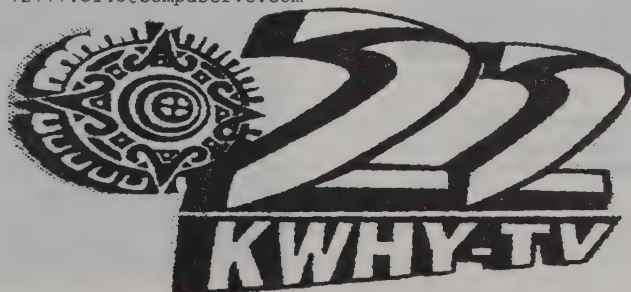
Loggings per day



The chart tells the story. Short bursts of skip throughout the year, some moderate openings in mid-summer, and some very nice ones around Christmas 1995. Early reports suggest there's been a lot of winter skip already in 1996, and it's still 10 days before Christmas. Hopefully we'll have another banner winter skip season. Good luck!

73 Doug

Douglas E. Smith W9WI  
1385 Old Clarksville Pike  
Pleasant View, TN 37146-8098  
72777.3143@compuserve.com



# PHOTO-NEWS

Jeff Kruszka, Editor  
5024 S. Braxton Ave.  
Baton Rouge, LA 70817

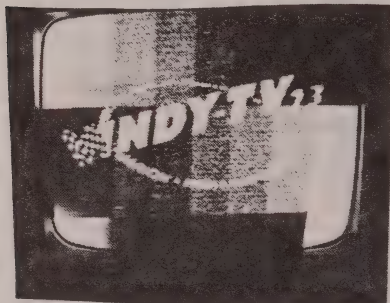
January 1997

**Bill Eckberg, Dixon, IL:**

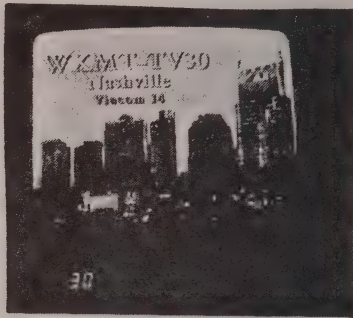
Equipment:

VHF - 1966 Zenith 14N22 23" B/W TV with C.M. 1110 @41'.

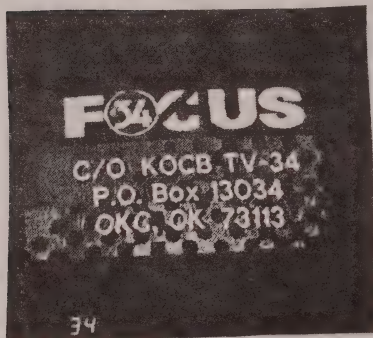
UHF - 1990 Zenith AC-DC 9" color TV w/C.M. screened 7' dish @52' and RDX Labs UA-900 preamp.



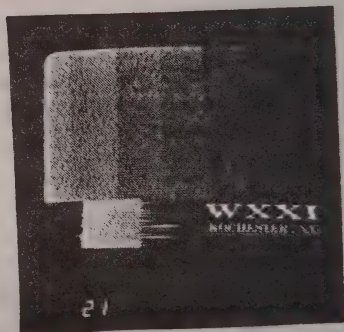
WNDY-23 Indianapolis, IN  
214 mi Tr seen mid-'95  
@ early AM  
*"Indy" TV; interesting CB pattern*



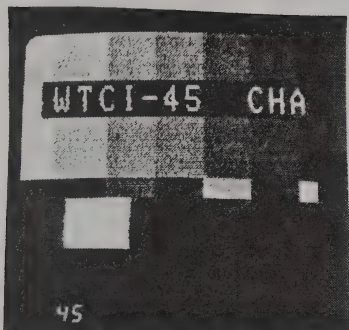
WXMT-30 Nashville, TN  
408 mi Tr seen 9/95  
@ early AM



KOCB-34 Oklahoma City, OK  
612 mi Tr seen 8/21/95  
@0520 CDT



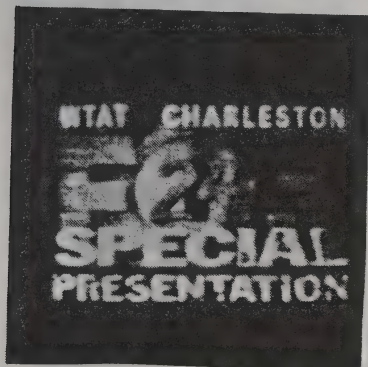
WXXI-21 Rochester, NY  
600 mi Tr seen 8/21/95  
@0505 CDT  
*with KOCB, a possible 1200 mi Tr path open!*



WTCI-45 Chattanooga, TN  
512 mi Tr seen 9/18/95  
@0515 CDT  
*Chattanooga, not Channel America, hi!*

**Russ Miller, Amity, ME:**

Equipment: 12" Alaron TV, VHF modified Radio Shack antenna w/ CM 18 db preamp. Modified RSCR Winegard 28 db UHF preamp w/RG-6, @ 60' AGL.



WTAT-24 Charleston, SC  
1111 mi Tr seen 10/7/96  
@0001 ET  
*Nice catch!!*

**Eric Voytko, McLean, VA:**

Equipment: Channel Master Quantum 1110 @ 20' AGL, Sony KV8-AD11 TV, ICOM R7100 receiver, Polaroid One-step camera.



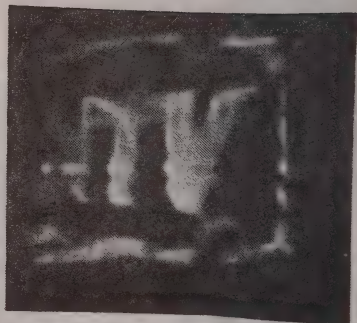
CKVR-3 Barrie, ON  
400 mi Tr seen 8/22/96  
@1015 EDT  
*"The New VR"; my multiple-unid from this summer! Thought at times this was a "JR" or VR for VR troopers!*



KBJR-6 Superior, WI  
930 mi Es seen 7/11/96  
@1849 EDT



KBSD-6 Ensign, KS  
1260 mi Es seen 7/18/96  
@1600 EDT  
*"Ensign-Dodge City"*



KSNB-4 Superior, NE  
1110 mi Es seen 8/9/96  
@1030 EDT  
*thru WRC-4 @ 10 miles! Nebraska TV*

**SUPPORT YOUR CLUB! HELP SPREAD  
THE WORD ABOUT TV-FM DX'ING  
AND THE WTFDA!**

# SATELLITE NEWS



GEORGE W JENSEN  
4604 ANNTANA AVENUE  
BALTIMORE MD 21206-4220

The satellite-by-satellite roundup continues.  
A listing of changes to previously listed birds will  
be in the next column. - now to the next few birds...

MORELOS 2 - 116.5 West - November 28, 1985 - Activated  
Fall, 1989 (10 years) C-Band 7 watts/narrow - 10.5 watts  
/wide - 4 Ku-Band transponders - unused - 20 watts  
FORMAT - Odds-Horizontal - Evens-Vertical  
8 - XHGC - Ch. 5 - Mexico City, DF Mexico  
10 - WEIPN - Ch. 11 - Mexico City, DF, Mexico  
14 - XEW - Ch. 2 - Mexico City, DF Mexico  
16 - WHIMT - Ch. 22 - Mexico City, DF, Mexico  
18 - Clara Vision - Catholic Religious  
22 - TV Azteca - CH 7 - Mexico City, DF, Mexico  
24 - TV Azteca - XHDF - Ch. 13 - Mexico City, DF, Mexico

No Ku-Band is noted

Anik E-1 - 111.1 West - 1991 - C and Ku-Band 11 watts  
FORMAT - odds-Horizontal, Evens - Vertical  
occasional feeds only - limited transponder use due to  
technical failure

Ku-Band - No analogue signals noted - mostly digital  
transmissions - also limited transponder use due to  
technical failure

SOLIDARIDAD I - 109.2 West - 37.5 and 40.4 watt C-Band  
transponders - 47 watt Ku-Band transponders 1-31-94 (10  
years) Inclined orbit  
FORMAT - Odds-Vertical/Evens-Horizontal  
6 - XEWH - Telemax - Ch 6 - Hermosillo, Sonora, Mexico  
7 - XEQ - Ch. 9 - Mexico City, DF, Mexico'  
10 - Governmental channel  
no other services noted at this location

SOLIDARIDAD 2 is located at approximately 113 West and is  
currently in storage

ANIL E2 - 107.3 West - C and K-Band - September 1, 1991  
FORMAT - same as E1  
50 watt spot beams on Ku-Band

1 - CBMT - Ch6 - Montreal, Quebec - CBC English  
2 - TSN - Sports - Oak/Orion encryption  
6 - CBC Newsworld  
9 - CBC North  
11 - CBC French - Montreal, Quebec, Canada  
13 - CBC North - Western Area  
188 - V C C Shopping Channel  
Ku-Band  
16H - Ontario Legislature  
18H - TV Ontario - French  
20H - TV Ontario - English  
26H - Atlantic Satellite Network

G-STAR 4 - 105 West - 1990 - Ku-Band only (10 Years)  
FORMAT - 1-16 - Horizontal, 17-32 Vertical all 27 watts  
Used primarily for feeds

continued on page 36 ...

# TV NEWS

January 1997

Douglas E. Smith W9WI  
1385 Old Clarksville Pike  
Pleasant View, TN 37146-8098  
72777.3143@compuserve.com

\*: Non-commercial station  
nc: No Change  
+/-: Channel offsets (plus,  
z/n: minus, zero, and none)

## APPLICATIONS FOR NEW STATIONS

St	Ch	ERP	HAAT	City; applicant	
AK	*9z	316	240	Anchorage; Alaska Pub Com.	61°25'22N/149°52'20W
AL	29-	1550	96	Selma; D&S Mobile	32°26' 2N/ 87°00'40W
AL	29-	1450	131	Selma; G.S.Flinn	32°16'16N/ 87°14'31W
AL	29-	5000	389	Selma; KM Comms.	32°30'52N/ 87°03'24W
AL	29-	3720	124	Selma; Imani Way Press	32°26' 3N/ 86°57'53W
AL	29-	5000	93	Selma; Crown Comms.	32°26' 2N/ 87°00'40W
AL	29-	5000	95	Selma; A.J. Fant	32°26' 2N/ 87°00'40W
AZ	*16+	794	-42	Nogales; BC 4 Challenged	31°22'48N/110°57'51W
AZ	*16+	4680	482	Nogales; Comm. TV Educ.	31°42'18N/110°55'26W
AZ	58z	2140	81	Sierra Vista; KM Comms.	31°33'59N/110°13'57W
HI	56z	28.2	-94	Waimanalo; G.S. Flinn	21°20'29N/157°42'39W
MS	51z	5000	305	Jackson; KM Comms.	32°38'31N/ 90°00'59W
MS	51z	724	377	Jackson; G. Flinn	32°16'53N/ 90°17'41W
MS	51z	5000	559	Jackson; Winstar	32°41'25N/ 89°52' 6W
MS	51z	5000	371	Jackson; United TV	32°14'26N/ 90°24'15W
NE	51z	5000	236	Lincoln; Prime Bcstg.	41°02'25N/ 96°43' 5W
NE	51z	2400	380	Lincoln; D.M. Comisar	40°48'11N/ 97°10'51W
NY	61-	550	441	Saranac Lake; W27BI	44°09'35N/ 74°28'34W
OK	46-	5000	255	Norman; Day Star Bcstg.	35°16'58N/ 97°20'15W
TX	*24+	5000	137	Del Rio; Comm. TV Educ.	29°17'53N/100°28'21W
UT	*18-	282	82	Ogden; BC 4 Challenged	41°09'25N/112°04'54W
UT	*18-	891	1296	Ogden; Comm. TV Educ.	40°57' 0N/111°48'30W
VI	43z	200	444	Charlotte Amalie; A.J. Fant	18°21'24N/ 64°56'45W
VI	27	18.2	121	Christiansted; Virgin Blue	17°44'53N/ 64°43'40W

## CONSTRUCTION PERMITS GRANTED FOR NEW STATIONS

St	Ch	ERP	HAAT	City; applicant	Call/
AZ	58z	2140	81	Sierra Vista; KM Comms.	31-33-59N/110-13-57W
LA	11+	316	565	Columbia; Pears Bcstg.	32-03-15N/ 92-09-31W
MI	25+	1	W25CD	Petoskey; J. A. Burns	45-19-17N/ 84-52-33W
MI	66+	1.005	W66CY	Petoskey; J. Digiuseppe	45-19-17N/ 84-52-33W
MT	61n	10	K61GW	Missoula; S. Wilson	47-02-27N/113-59-10W
MT	66n	10	K66FS	Missoula; S. Wilson	47-02-27N/113-59-10W
MT	68n	10	K68FN	Missoula; R.K. Wilson	47-02-27N/113-59-10W
MT	69n	10	K69HY	Missoula; J. Piippo	47-02-27N/113-59-10W
NY	??	?	WCBS-HD	New York	
WY	28n	1.37	K28FDA	Afton; Town of Afton	42-51-10N/110-56-12W

A new wireless cable system has been granted:

Rexburg, ID (43-45-53N/111-57-50W; all 17kW):					
K28FC-28+	K30FE-30-	K32EN-32n	K39ER-39n	K43FF-43+	K49EN-49+
K51FH-51n	K53FQ-53n	K55HN-55+	K57HI-57n	K63GA-63n	

## APPLICATIONS TO CHANGE EXISTING STATIONS

St	Ch	ERP	HAAT	Call	City	
CA	58+	nc		KMPH-LP	Bakersfield	35-27-11N/118-35-25W
CA	67n	nc		K67GZ	Temecula	33-27-01N/117-07-41W
					(from Rainbow Valley, CA)	
FL	9-	61w		W09BU	Jupiter	26-55-57N/ 80-07-11W

## Applications to change existing stations, contd.

St	Ch	ERP	HAAT	Call	City
MA	35+	280w		W35BK	Plainfield
MI	64z	5000	331	WLLA	Kalamazoo
MO	48z	12.7		K29CF	Kansas City
(from ch. 29, bumped by new KCWB-29. St. is presumably either already on ch. 48, or temporarily dark.)					
OR	19n	13.44		K19AD	Tri-City
PR	28n	11.23		W28AH	Arecibo
18-28-25N/ 66-43-24W					

## APPLICATIONS TO CHANGE CONSTRUCTION PERMITS

St	Ch	ERP	HAAT	Call	City
AR	58z	206w		K58FA	Little Rock
CO	29n	600w		K29CZ	Durango (KTSC-8)
FL	52-	9.4		W52CN	Pt. Charlotte (TBN)
LA	11+	nc	540	KAGY	Columbia
(KARD-14 tower)					
MO	17z	15.32		K17DR	Scott City
NM	3z	nc		KOFT	Farmington (from Gallup)
OK	59-	20		K59EO	Oklahoma City
TX	15-	nc		K15BV	Uvalde
(from ch. 15n)					
UT	64n	22.8		K64CJ	Ogden (TBN)
34-47-56N/ 92-29-44W					
26-58-48N/ 82-04-03W					
32-05-41N/ 92-10-39W					
34-44-38N/ 92-16-32W					
35-09-52N/ 93-40-52W					
(from ch. 15+)					
29-10-48N/ 99-48-47W					

## CHANGES GRANTED TO EXISTING STATIONS

St	Ch	ERP	HAAT	Call	City
AK	22n	54.9		K22AG	Anchorage
AK	66n	32w		K66CF	Palmer
AL	50n	25.5		W50CF	Mobile (from ch. 50n)
AR	59-	27.4		K59ES	Hindsville
AR	55z	14.5		K55HO	Hope
AR	22-	48.6		KKYK-LP	Little Rock
AR	55-	12.93		K55GE	Little Rock (3ABN)
AR	60?	34.7		K60EP	Pharis
AR	15-	21.8		K15DR	Springdale
AR	63-	21.1		K63EG	Winslow
AZ	46+	2.1		K46CA	Cottonwood
AZ	29z	987w		K29DK	Williams (KUSK-7)
CA	22-	9.15		K22DS	Crescent City
CA	51n	4.57		K51DD	Ridgecrest
CA	55n	4.57		K55AB	Ridgecrest
CA	57n	4.57		K57AK	Ridgecrest
CA	27-	62		K27EU	Sacramento
CA	57+	5000	nc	KSTV	Ventura
CA	8n	15w		K08GR	Willow Creek
DE	14z	71		WXHL-LP	Wilmington
(from Newark, DE)					
FL	48n	38.4		W48BC	Destin
FL	61z	5000	125	WFGC	Palm Beach
FL	69-	10		W69BO	Vero Beach
GA	16n	8.2		WCGT-LP	Columbus
KS	24-	3444	328	KSAS	Wichita
MA	35+	280w		W35BK	Plainfield
MI	49n	11.25		WUPT-LP	Crystal Falls
MN	57n	9.7		K57CN	Wabasha (KSTP-5)
NC	62+	5000	556	WASV	Asheville
NM	60n	nc		K60GB	Santa Rosa (from K74BO)
NV	17n	388w		K17AH	Tonopah
NV	56n	11.5		K56GB	Wadsworth
(from K63DN Reno)					
NY	11?	62w		WPNY-LP	Little Falls
NY	43+	790	445	WNYs	Syracuse
NY	68-	nc	445	WSYT	Syracuse
OH	68-	5000	nc	WMFD	Mansfield
TN	20+	2830	852	WINT	Crossville
36-06-33N/ 84-20-17W					
61-14-51N/149-31-56W					
61-37-18N/149-01-16W					
(from K07VR)					
(ex-K22FA)					
34-44-38N/ 92-16-32W					
35-09-52N/ 93-40-52W					
(from ch. 15+)					
41-58-10N/124-11-15W					
35-28-47N/117-40-56W					
35-28-47N/117-40-56W					
35-28-47N/117-40-56W					
38-49-58N/121-19-03W					
40-55-52N/123-35-56W					
39-40-38N/ 75-39-47W					
30-23-49N/ 86-30-27W					
26-45-47N/ 80-12-19W					
27-36-04N/ 80-23-33W					
32-27-58N/ 85-03-23W					
37-56-23N/ 97-30-42W					
46-05-38N/ 88-21-49W					
44-22-08N/ 92-04-51W					
35-13-20N/ 82-32-58					
38-03-06N/117-13-30W					
39-45-25N/119-27-54W					
42-59-02N/ 74-53-46W					
42-52-50N/ 76-11-59W					

## Changed granted to existing stations, contd.

St	Ch	ERP	HAAT	Call	City
TX	55z	3240	nc	KLDT	Lake Dallas
VA	66+	4330	nc	WVVI	Manassas

RETURNED, DISMISSED, etc.:

CO	26n	nc		K02BL	Breckenridge (from ch. 2n, Minturn)
PA	20-	421w		W20AN	Washington

Several Alaskan LPTVs have been granted minor changes in TL and power:

K02KX	Chevak	K13UO	Cold Bay	K13TF	Kakhonak	K09QW	King Cove
K04LR,	K09RK	Nikolski		K13RN	Old Harbor		
K07SH,	K13TU	Pt. Alsworth		K04KY	Shageluk (to ch. 10)		

## CHANGES GRANTED TO CONSTRUCTION PERMITS

St	Ch	ERP	HAAT	Call	City	
AK	5n	160w		K05KF	Dillingham	59-02-38N/158-29-18W
AL	58z	9.6		W58CK	Birmingham	33-26-36N/ 86-52-50W
AL	19+	12.6		W19CB	Montevallo	33-09-14N/ 86-50-12W
					(from Sylacauga)	
AL	24z	18.7		W24CB	Sylacauga	33-37-21N/ 85-52-22W
AL	63-	5.5		W63CK	Talladega	33-26-06N/ 86-06-14W
					(from Sylacauga)	
AR	22z	10.5		K22ES	Batesville	
AR	40+	12.4		K40DS	Batesville	
AR	57-	14.1		K57FV	Batesville	
AR	69-	12.8		K69GT	Batesville	
AR	23z	36.5		K23EP	El Dorado	33-12-40N/ 92-39-59W
					(from K20DP // KMCT-39)	
AR	27z	10.4		K27FF	El Dorado	
AR	40z	11.4		K40EF	El Dorado	
AR	48+	12.0		K48EP	El Dorado	
AR	69-	11.6		K69HO	El Dorado	
AR	63+	28.4		K63FS	Hot Springs	34-33-56N/ 93-05-03W
					(from Little Rock)	
AR	58z	206w		K58FA	Little Rock	34-47-56N/ 92-29-44W
AR	69z	16.7		K69HN	Siloam Springs	36-09-06N/ 94-30-56W
AZ	68+	85		K68FB	Phoenix	33-29-39N/111-38-28W
AZ	28+	56.9		K28FF	Prescott (from ch. 69)	
CA	8z	128?		K08MD	Arroyo Grande	35-09-24N/120-38-11W
CA	28z	400w		K28FM	Mammoth Lakes	37-37-37N/119-01-46W
CO	29n	600w		K29CZ	Durango (KTSC-8)	
FL	65+	6.14		W65DF	Ft. Myers	26-39-18N/ 81-50-53W
FL	9+	320w		W09CF	Jacksonville	
KY	62z	129		W62CL	Lexington	38-02-07N/ 84-27-04W
NC	28z	54.8		W28AC	Charlotte	35-15-26N/ 80-51-40W
NC	66-	nc		W66CO	Raleigh	35-46-27N/ 78-38-25W
OK	59-	20		K59EO	Oklahoma City	
WA	16-	nc	239	KONG	Everett	47-37-55N/122-20-59W

## TECHNICAL CHANGES ON THE AIR

FL	32z	WWWB	Lakeland; 3020=>5000kW, 271=>331m.
MA	*57+	WGBY	Springfield; 1200=>1480kW.
MI	41+	WOTV	Battle Creek; 2000=>5000kW, elliptical pol.
NC	64-	WAXN	Kannapolis; 129=>1900kW, 86=>300m, TL 27km SSW of old site.
ID	58+	K58DQ	Coeur d'Alene; 13.2=>26.4kW.
TX	48z	KNVO	McAllen; 3160=>3020kW, 160=>288m.
UT	24n	K24EM	Manti/Ephraim; unspecified.
WI	47+	WMSN	Madison; 1150=>5000kW, 451=>450m.
WI	58z	WDJT	Milwaukee; 2820=>5000kW, 163=>339m, TL 8km NNW of old site, adjacent to WISN-12 tower.

## NEW STATIONS ON THE AIR

K46EJ 46-	Little Rock, AR	19.4kW	34-47-57N/ 92-29-59W
K24EI 24-	Phoenix, AZ	8kW	33-29-36N/111-38-26W
K27EX 27z	Modesto, CA	4kW	37-28-48N/121-21-02W
K67GZ 67n	Temecula, CA	130w	33-27-00N/117-07-43W
K29CZ 29n	Durango, CO	600w	37-15-44N/107-53-58W
(KTSC-8)			
KCEC-LP 27n	Pueblo, CO	7.71kW	38-44-43N/104-51-41W
(KCEC-50 Denver, Univision)			
W14CB 14+	Gainesville, FL	16kW	29-44-22N/ 82-23-09W
W68CM 68+	Panama City, FL	10kW	30-12-12N/ 85-36-57W
W08DN 8-	Pensacola, FL	116w	30-26-43N/ 87-14-37W
(fake calls "WBOP-TV")			
W29BN 29+	Elgin, IL	49.3kW	41-59-54N/ 88-14-33W (TBN)
W63BO 63+	Baltimore, MD	6.92kW	39-17-21N/ 76-36-52W
W64BY 64+	Rockland, ME	12.1kW	44-06-30N/ 69-09-28W (TBN)
K59BQ 59+	Deer River, MN	11.3kW	47-21-15N/ 93-45-20W
(KDLH-3, CBS)			
K31EB 31+	Poplar Bluff, MO	738w	36-48-04N/ 90-27-06W
K61FY 61z	Poplar Bluff, MO	738w	36-48-04N/ 90-27-06W
KUFM *11+	Missoula, MT	3.02kW/631m	46-48-09N/113-58-21W
(PBS)			
W28AC 28z	Charlotte, NC	17.6kW	35-15-06N/ 80-41-12W
W59CR 59+	Durham, NC	11.7kW	35-56-30N/ 78-48-33W
KOHA-LP 65-	Omaha, NE	41.4kW	41-20-44N/ 96-01-28W
WFME 66z	West Milford, NJ	24kW/217m	41-07-14N/ 74-12-03W
(religious)			
KINC 15+	Las Vegas, NV	1120kW/564m	35-56-44N/115-02-31W
K15DA 15z	Tulsa, OK	70.9kW	35-58-15N/ 96-10-45W
(KSBI-52)			
K05KI 5-	Lakeview, OR	17w	42-11-17N/120-21-01W
XHVTV 54z	Matamoros, TA	?	?
KINZ 68z	Arlington, TX	5000kW/360m	32-35-24N/ 96-58-21W
(INTV/Worship)			
KYLE 28z	Bryan, TX	126kW/153m	30-41-18N/ 96-25-35W
KPTB 16+	Lubbock, TX	209kW/ 83m	33-33-12N/101-49-13W
(TBN)			
K60FM 60?	Alton, UT	?	?
K15EL 15?	Kooshare, UT	?	?
K26EJ 26n	St. George, UT	986w	37-03-49N/113-34-20W
K18FB 18+	Clarkston, WA	1.01kW	46-27-04N/117-02-48W
K47EV 47-	Walla Walla, WA	15.2kW	45-47-52N/118-22-07W

New wireless cable system on the air:

Escanaba, MI (45-42-42N/ 87-20-57W); most 984 watts except chs. 27/46/48 (980w) and chs. 23/44/52/58/66. (tech details not given):

W15BI-15z	W17BQ-17z	W21BJ-21+	W23BE-23?	W27BN-27+	W44BI-44?
W46CD-46z	W48BP-48z	W50BG-50z	W52BX-52?	W58CJ-58?	W60CB-60+
W62CI-62+	W64CA-64+	W66CJ-66?			

## CALL CHANGES

KTTY-LP-24	Santa Barbara, CA:	KKFX-LP
WTMV-32	Lakeland, FL:	WWWB
WTMV-LP-63	St. Petersburg, FL:	WWWB-LP
K11TT	Baton Rouge, LA:	KTTE-LP
new-11	Columbia, LA:	KAQY
W08CC	Hammonton, NJ:	WPSJ-LP
W27BI	Plattsburg, NY:	WWBI-LP
W40AG	Rochester, NY:	WBGT-LP
new-45	Nuevo Laredo, TA:	XHNAT
KAQV-68	Arlington, TX:	KINZ
K43FD	Houston, TX:	KHLM-LP
K43ES	Stamford, TX:	KIDT-LP
K12OT	Logan, UT:	KVWB-LP
W43AV	Waukesha, WI:	WTAS-LP

## PROGRAMMING CHANGES

K13QZ	Grand Valley, CO:	relays KTVD-20
K05HE	Glenwood Springs, CO:	relays KTVD-20
K05GY	New Castle, CO:	relays KTVD-20
K08IV	Pinewood, CO:	relays KTVD-20
K66BQ	Rulison, CO:	relays KTVD-20
K47AC	Silt, CO:	relays KTVD-20
WJKS-17	Jacksonville, FL:	goes independent 4/1/97
WJXX-21	Brunswick, GA:	goes ABC 4/1/97
KCTZ-7	Bozeman, MT:	from CBS to Fox
KUFM-11	Missoula, MT:	new, PBS
WYDC-48	Corning, NY:	from UPN/WB to UPN/WB/Fox
WAKC-23	Akron, OH:	from ABC to Intv
K05KI	Lakeview, OR:	to 3ABN
WTAT-24	Charleston, SC:	from Fox/UPN to Fox only
WENU-36	Charleston, SC:	from WB to UPN
XHCVI-26	Cd. Victoria, TA:	adds local prgrs. to XEQ-9 relay
WRM-LP-12	Nashville, TN:	from HSS to VCC
WJDE-LP-24	Nashville, TN:	from HSS to VCC
KINZ-68	Arlington, TX:	new, Intv/Worship
K55FX	Corpus Christi, TX:	from religion to tourist information
KTAQ-47	Greenville, TX:	PSN home shopping
WDRG-24	Danville, VA:	from WB to UPN
WDBJ-7	Roanoke, VA:	from CBS/UPN to CBS only
W04CS	Crandon, WI:	to 3ABN
W02CF	Minocqua, WI:	to 3ABN
W31BA	Minocqua, WI:	to 3ABN

## STATIONS DELETED

A total of 16 LPTV CPs were deleted last month.

## OTHER STUFF

Be sure to read the classified legals carefully this month. It's been a long time since I've seen this many grants for new and changed full-license stations. One of the more interesting grants is for KAQY-11 Columbia, LA. New VHF stations are rare enough, but one in a populated area like this is even scarcer. Note the proposed site, on the KARD-14 tower. A study I did a few years ago found KARD was the most frequently reported UHF station among WTFDA members; I expect KAQY will also be a popular catch.

No technical details are available (not even the channel) for WCBS-HD NYC.

*Last minute  
news!  
Channel 33*

While looking for updated Canadian information (the CRTC hasn't updated their FTP server since late August), I stumbled across the Canadian AM/FM/TV databases. If you have a program that can read .dbf files, take a look at:

<ftp://info.ic.gc.ca/pub/ic-data/telecom/dgse/dbf/baserad.zip>

This file contains all three Canadian databases, plus a programming-source database that explains where relay stations get their feed. Interesting stuff! Incidentally, I'm in alpha test on a Windows program to browse the FCC's TV database. I'll let you know when it's ready for general release.

Thanks to George Greene, Rich Shaftan, Chip Kelley, Fernando Garcia, and John Lentz for programming, new-station, and other information this month.

## FORUM

Chip Kelley, Dallas TX:

Chip reports on new KINZ-68 Arlington. The station is to carry INtv 6am-midnight, with Worship overnight. News, in Japanese, is carried 7-7:30am. Chip is also noting Asian-language programming on Paxson's KTFH-49 Conroe/Houston. I suspect other Paxson stations (those reported in this column as either INtv or Worship) may actually carry a similar schedule. Paxson owns both networks.

Fernando Garcia, Monterrey NL Mexico:

Fernando has some information from Texas.. On channel 55, K55FX Corpus Christi has returned to the air. They've dropped their former religious programming in favor of tourist information. Slogans include "KFX", "THC", and "The Hello Channel". Incidentally, 3 or 4 years ago he saw a station on this channel relaying KIII-3. I can't find anything that makes sense -- does anyone else have any idea what he saw?

KFWD-52 is no longer carrying VBN home shopping in English overnight. KDFI-27 is using a "hot-tv 27" logo in the bottom right during programming. KWHB-47, normally a religious station, was noted with secular cartoons (Flintstones) and advertisements; also, an ID with cable channel 7. KAMC-28 Lubbock has been seen with over four hours of black screen and/or unID color bars in the overnight period.

Fernando also saw the new KPTB-16. It's TBN, IDing with KRPV-27 (Roswell, NM) and KMLM-42 (Midland, TX).

John Ebeling, Bloomington MN:

John recently returned from a visit to Singapore. He forwarded listings for the following six TV stations, as printed in the *Straits Times*:

**Channel 5:** (E5, same as U.S. channel 7)

24 hours in English; many American programs (Simpsons, J.A.G., Wheel of Fortune) noted on the schedule.

**Channel 8:** (E8, between U.S. channels 10 and 11)

24 hours in Mandarin Chinese. Most programs unfamiliar, but Felix the Cat, Real Ghostbusters, and the omnipresent Home Shopping are present.

**Prime 12:** (ch. E12, two channels above U.S. channel 13)

roughly 2pm-midnight in English, Tamil, and Malay. Only familiar programs are Bob Newhart and Rhoda; tag it the "Nostalgia Channel", hi..

**Premiere 12:** (ch. E24, same as U.S. channel 18)

roughly 1pm-2am in English; most programs American including David Letterman.

**TV1:** (from Malaysia; ch. E3, same as U.S. channel 2)

6am-1am in Malay and English. Includes CNN and CNBC news.

**TV2:** (from Malaysia; ch. E10, just below U.S. channel 13)

4pm-12:30am in Malay, English, and Cantonese. Only American program is Wheel of Fortune.

**SCV:** (a "wireless cable" system using channels E28, E32, E36, and E65, near U.S. channels 23, 29, 34, and 73 for scrambled programming. To be phased out when Singapore is wired for cable.)

The World Radio-TV Handbook also lists a "TV3" on ch. E26 (just below U.S. channel 21), but John didn't see that one. It may not have been on the in-house master antenna system in his host's apartment building. Their TV had a "channel 0" used for VCR input. Also available on the TV were several teletext channels.

# FM NEWS

**JANUARY 1997**

editor- GREG CONIGLIO  
90 SLATE CREEK DRIVE - APT. 3  
CHEEKTOWAGA, NEW YORK 14227  
E-MAIL coniglio@localnet.com  
TIP DEADLINE - The 10th

Many of the items listed in this column are taken from the publication:  
**M Street Journal - P.O. Box 1479 - Madison, TN 37116-1479**  
PHONE (615) 865-1525 FAX (615) 865-2598

## KEY:

&: satellite programming  
AF: new freq. allocation **accepted** for filing for a new FM license  
CC: **call change**/new calls assigned  
CL: **city of license** change granted  
CO: new xmtr **co-ordinates**  
CX: a **CP** has expired, and is cancelled  
C1,C2, etc: change in class status  
DA: **directional antenna**  
DE: calls **deleted**, license returned to FCC  
FC: station **format change**

GA: **granted amendment** to table of FM allocations  
GE: station was **granted extension** of a CP  
GX: **granted** replacement of expired CP  
LC: filed for license to cover (for new stn.)  
MC: **multiple-city** legal ID  
NC: **no change** yet, on a reported pending grant/change.  
ND: non-directional  
NO: station is **not** on the air  
NS: a **new station** granted a license  
OSA: one-step application  
NW: **new** station signs on the air  
PA: **proposed amendment** to change table of allocations  
PC>: a **power change** (increase)

PG<: a **power change** (decrease)  
PG<: **power change granted** (increase)  
PG<: **power change granted** (decrease)  
QC: **frequency change** for this station  
QG: **frequency change granted**  
RA: station **returns** to the air  
RE: station **requests extension** of a CP  
RX: station **requests** re-instatement of an expired CP  
SG: **slogan change** or update  
SI: station is **silent**  
XA: **dismissed amendment** to the table of FM allocations  
XC: station changes xmtr site  
XG: station granted a transmitter (xmtr) site change



## UNITED STATES

### ALABAMA:

Abbeville: WIZB 94.3 FC to new rock  
Atmore: WDWG104.1 adds Moby (Mobile)  
Brantley: WDHT104.3 NC to 13.5 kW, 1830 ft, RE  
Butler: WQGL 93.5 NC to 32 kW, 610 ft, RE  
Columbiana: \*NS101.5 1.4 kW, 640 ft.  
Dora: \*NS 92.5 2.9 kW, 476 ft.  
Fairfield: W291AK106.1 NS-250w(v): WRAX 105.9  
Orange Bch: WCSN105.7 LC  
Tuscaloosa: WTUG 92.9 FC to urban AC  
Tuskegee: WTGZ 95.9 CC (ex WBIL), "Tiger 95.9"

### ALASKA:

Chevak: KCUK 88.1 PC> 6 kW(h), 79' drops DA  
Juneau: KAKZ 102.7 NO-GE

### ARIZONA:

Apache Jct: KVVA107.1 PC> 25 kW, 312ft, C3  
Bagdad: KAKP 103.9 GA: to Chino Valley, AZ (C3)  
Benson: KAVV 97.7 PG> 2050w, 148 ft, DA  
XG: 31-59-29 / 110-10-18  
Oro Valley: KSJM 97.5 CC (ex KTSS)  
Sun City: KEDJ 106.3 PC> 23 kW, 725 ft, C2

### ARKANSAS:

Mena: \*\*\* 105.3 GA to add class C3  
Osceola: KOSE107.3 FC to oldies (Memphis)  
Pine Bluff: KANX 91.1 LC

### CALIFORNIA:

Burney: K224CM92.7 NS-10w(v): KWHO 102.3  
Camarillo: KOCP 95.9 PC> 980w, 1555 ft, class B1  
XG: 34-20-53 / 110-20-07  
Carlsbad: KUPR 95.7 FC to country (San Diego)  
Central Vly: KNNN99.3 NC to 4.2 kW, 1545', RE  
Chester: KCMT 98.9 dec. to 2463 ft.  
Dunsmuir: KZRO100.1 FC to oldies (Redding)  
Fort Bragg: KLLK 93.5 GA: to class B, CL: Willits, CA

### California:

Greenfield: KSEA 107.9 NO-RE  
Healdsburg: KFGY 92.9 CC (ex KLCQ) "Froggy 92.9"  
Hollister: KCDU 93.5 CC (ex KAXT), FC to modern AC "CD 93" (Monterey)  
Indio: KJJZ 102.3CC (ex KLCX), FC to smooth jazz (&) (Palm Springs)  
Lakeport: KXBX 98.3 adds ABC AC (&)  
Lompoc: KAKV 106.7 NO-RE  
Los Altos: KFJC 89.7 PC< 19 kW, 1843 ft.  
Oroville: KZCO 97.7 NC to 1.5 kW, 1276 ft, B1, GE  
Sacramento: KQPT100.5 FC to modern AC  
San Diego: KKLQ 106.5 FC to CHR  
San Diego: KSDS 88.3 PG> 19 kW, 246', DA, B1  
San Luis Obispo: \*NS 88.5 3 kW, 1401 ft.  
Seaside: KISE 103.9 CC (ex KJMY) "Kiss FM"  
FC to urban AC, adds the Banks show  
Shafter: KRME 97.7 CC (ex KZBA), FC to romantica(Bakersfield)  
Sun City: KXFG 92.9 CC (ex KWXH), NW to be country // KFRG 95.1, "K-Frog"  
Ukiah: \*\*\* 97.1 GA for class A  
Visalia: KSLK 96.1 FC to smooth jazz (&)  
Winton: KLOQ 98.7 CC (ex KFMK)

### COLORADO:

Brush: \*NS 106.3 2 kW, 328 ft.  
Buena Vista: KBVC104.1 NW, country (&)  
Ouray: K233AH 94.5 NS-250w(h): KKXK 94.1  
Pueblo: KYZX 104.5 PA: to CL of Pueblo West, CO class C2  
Vail: KSKE 104.7 dec. to 394 ft.

### CONNECTICUT:

Berlin: WERB 97.3 NC to 94.5, GX  
Danbury: WXCJ 91.7 NC to 3 kW, 220 ft, DA, GE  
Pawcatuck: WKCD107.7 FC to smooth jazz (&)  
Storrs: WHUS 91.7 NC to 4.4 kW, 492', RE

### DELAWARE:

Dover: W277AH103.3NS-250w(v): WFSI 107.9 MD  
Georgetown: WZBH93.5 GA to Millsboro, DE, class B

**FLORIDA:**

Alachua: WNDT 92.5 NW, rock // WNDD 95.5  
 Arcadia: WWRZ 98.3 CC (ex WKGF)  
 Carlos Park: WDRR 98.5 FC to smooth jazz (&)  
 Century: WPFL 105.1 FC to hot AC (&) (Pensacola)  
 Daytona Bch: WJHM 101.9 NC to 61 kW, class C, GE  
 DeFuniak Sps: WAJK 91.3 NO-RX  
 Ft. Walton Bch: WPSM 91.1 NC to 5 kW, RX  
 Key West: WCNK 98.7 CC (ex WBKW)  
 Kissimmee: WWKQ 89.1 NO-RE  
 Marthon: WKTS 97.7 NO-GE  
 Mexico Bch: WSHF 99.3 CC (ex WEBZ)  
 Micanopy: WRRX 97.7 adds Radio 1 alter. (&)  
 Midway: WJZT 100.7 CC (ex WTPS) "Smooth  
 Jazz 100.7" (Tallahassee)  
 Panama City: W219BP 91.7 NS-55w: WYFG 89.3 SC  
 Parker: WPBH 94.5 FC to oldies (&)  
 Pensacola: WYCL 107.3 CC (ex WOWW),  
 "Cool 107.3"

Perry: WNFK 105.5 PC< 1.6 kW, 197 ft  
 XC: 30-06-27 / 83-34-00  
 Port St Joe: WQWW 93.5 CC (ex WMTQ)  
 Tice: WAAD 93.7 NO-RE  
 Tulsa: WUSA 100.7 NC to 1210ft, class C, RE  
 Vero Beach: W202AY 88.3 NS-10w(v): WPCS 89.5  
 W. Palm Beach: W263AE 100.3 NS- WWFR 91.7 is on

**GEORGIA:**

Americus: \*NS 89.3 AF (AFA)  
 Bolingbroke: WDBS 107.3 has been ordered to  
 cease operations for building after their con-  
 struction permit had expired  
 Douglas: WKZZ 92.5 NO-GE  
 Douglas: \*NS 89.3 AF  
 Dublin: \*NS 88.3 AF (AFA)  
 Marietta: WGHR 102.5 QG to 100.7, 17 w  
 Martinez: WUUS 107.7 CC (ex WKBG) "US 107"  
 Perry: WPGA 100.9 PG> 5.3 kW, 348 ft.  
 Sparta: WMGZ 97.7 NC to 8.5 kw, 554 ft  
 C3, CL to Eatonton, GA, RE  
 St. Simons Is: WHFX 92.7 FC to 70's oldies (&)  
 Toccoa Falls: WTXR 88.9 NW, cont. Christian  
 Waycross: \*NS 91.9 AF (AFA)

**IDAHO:**

Idaho Falls: KEFX 88.9 NW, cont. Christian  
 Ketchum: KIKX 104.7 CC (ex KRMR)  
 Orofino: KLER 95.3 PC> 2.3 kW, 676 ft  
 class C3, XC: 46-28-09 / 116-16-40  
 Rexburg: KGTM 98.1 FC to modern AC (&)

**ILLINOIS:**

Alton: KATZ 100.3 PC> 50 kW (cir), 492 ft.  
 Arlington: WCBR 92.7 noted with brokered  
 infomercials  
 Canton: \*\*\* 98.3 PA for class A  
 Chicago: WMBI 90.1 NC to 100 kW (cir), 443  
 ft, XC, RE

**ILLINOIS:**

Fairbury: WAIY 107.7 NO-CX-DE  
 Fairfield: WFIW 104.9 PC> 4.9 kW, 364 ft.  
 Lawrenceville: WAKO 103.1 NC to 6kW, 328 ft, RE  
 Mahomet: WGKC 105.9 CC (ex WHZT), FC to  
 classic rock (Champaign)  
 Morrisson: WZZT 95.1 FC to classic rock (&)  
 Mt. Carmel: WTRI 94.9 SGF "Tri 95"  
 Mt. Carmel: WVJC 89.1 Music Channel 1 overnights  
 Normal: \*\*\* 97.9 PA for class A  
 Ottawa: WRKX 95.3 PC> 4.3 kW, 200 ft.  
 Rock Island: WHTS 98.9 PC< 12.5 kW, 981 ft, DA  
 class C2, XC: 41-37-58 / 90-24-38  
 St. Joseph: WGNJ 89.3 NO-RE  
 W. Frankfort: WQUL 97.7 PC> 3.5 kW, 433 ft,  
 XC: 37-45-15 / 88-56-05  
 Wilmington: WYKT 105.5 PG< 1.3 kW, 482 ft,  
 XG: 41-17-11 / 88-14-23  
 Woodlawn: WDML 106.9 FC to adult rock

**INDIANA:**

Austin: WJCP 92.7 CC (ex WJLR), FC to  
 Real Country (&)  
 Crown Point: WXR 103.9 CC (ex WZCO), RA  
 with Real Country (&) (Gary)  
 Evansville: WIKY 104.1 dec. to 571 ft.  
 Indianapolis: WFBO 94.7 PG> 58 kW, 804 ft,  
 XG: 39-53-43 / 86-12-04  
 Marengo: \*NS 89.9 AF  
 Nashville: WVNI 95.1 NO-GE  
 N. Washington: WSOH 88.3 CC (ex WJYL)  
 Santa Claus: WAXL 103.3 NW, adult. contemp. (&)  
 Seelyville: WTHC 95.9 NW, CD Country (&)  
 Seymour: WJLR 91.5 CC (ex WKLO), FC  
 to cont. Christian (&)  
 Vincennes: \*NS 89.9 1 kW, 253 ft, (AFA)

**IOWA:**

Keokuk: KRNQ 105.9 CC (ex KYAT)  
 Lamoni: \*NS 97.9 21 kW, 358 ft.  
 Waukon: KNEI 103.5 QC from 103.9, now C2  
 9.3 kW, 574', XC: 43-18-28 / 92-27-18

**KANSAS:**

Fredonia: KJGM 104.1 OSA to class C3, 7.3 kW  
 535 ft, XG: 37-22-31 / 95-43-41  
 Hugoton: KFFX 106.7 adds WW1 soft AC (&)  
 Independence: KARF 91.9 250w, 180 ft., CC (NS)  
 Ottawa: KRBW 90.5 CC (NS)

**KENTUCKY:**

Garrison: WNUU 98.3 PG> 5.2 kW, 351 ft  
 XG: 38-36-26 / 83-02-33  
 Murray: WBLN 103.7 FC to adult rock "Planet"  
 Paducah: WDDJ 96.9 adds WW1 adult rock from  
 1am to 6am (&)  
 Russellville: WJCE 101.1 FC to all  
 Christmas music (possibly then to jazz) (Nashville)

**LOUISIANA:**

Baton Rouge: WLSS 102.5 FC to CHR  
 Clayton: \*NS 107.9 NO-GE  
 Columbia: KCTO 103.1 FC to Adult rock (&) (Monroe)  
 Homer: KZXB 106.7 NO-RE  
 Kentwood: WEMX 94.1 CC (ex WYCT), "Max 94.1"  
 Shreveport: KRUF 94.5 CC (ex KWKH) "Ruff"  
 also with SG of "Big Dog"

Good News Worth Sharing

**WMBI** FM 90/AM 110

**MAINE:**

Bangor: WSHQ 92.9 adds Bob & Sherri  
Dennysville: WHRR102.9 NO-GX, CC (ex WVZD)  
Millinocket: WSY 94.9 adds WW1 country (&)  
Portland: WCSO 97.9 FC to CHR "Q 97.9"

**MASSACHUSETTS:**

Falmouth: WCIB 101.9 adds 70's oldies WW1 (&)  
from midnight to 5:30am

Marshfield: WATD 95.9 NC to 1450w, 469ft, GX  
N.Adams: WMBN100.1 FC to soft AC

**MICHIGAN:**

Alpena: WHSB107.7 NC to 100 kW, 610', GE  
Beulah: WBVE 92.1 NO-RE  
Crystal Beach: WAQJ 100.7 CC (NS)  
Harrietta: \*\*\* 93.7 PA for class A  
Houghton: WGGL 91.1 inc. to 859 ft.  
L'Anse: WCUP106.1 NC to 105.7 - C1, 51 kW  
751 ft, RE

Manistee: WXYQ101.5 adds Jones oldies (&)  
Menominee: WHYB103.7 adds Radio 1 country (&)  
Mt.Clemens: WWBR102.7 CC (ex WDZR), "The Bear"  
Muskegon: WSHZ107.9 CC (ex WMHG)  
Oscoda: \*NS 95.7 25 kW, 699 ft, (Cen. Mich U)  
Stephenson: WFON106.3 NO-GE  
Tawas City: WAOU103.3 PG> 15 kW, 423 ft, DA  
C3, XG: 44-24-48 / 83-37-14

**MINNESOTA:**

Albert Lea: KCPI 94.9 QC from 95.3, PC> 3.5 kW.  
302 ft.  
Brainerd: W218AW91.5 NS-50w: WNCB 89.3 Duluth  
Eden Prairie: KCFE105.7 FC to new rock // KREV 105.1

# **REV 105**

**REVOLUTION RADIO**

Glencoe: KARP 96.3 QC from 96.1, now C2, 29.5  
kW, 584', XG: 44-44-37 / 94-23-36  
Redwood Fls: KLGR97.7 CX CP for 60 kW, 289 ft,  
Spring Valley: KVG0107.9 CC (ex KNFX)  
Spring Valley: KVG0104.3 FC to ABC oldies (&)  
Sunburg: \*\*\* 106.5 GA to add class A

**MISSISSIPPI:**

Clarksdale: WKDJ 96.5 NC to 180ft, XC, RE  
Clarksdale: WWUN101.7 NC to 101.5 - C3, 25 kW, RE  
Crenshaw: WHKL106.9 CC (NS)  
Drew: WOHT 95.3 PC< 2650w, 492 ft  
XC: 33-44-17 / 90-39-29

Grenada: WQXB100.1 NC to 24.5 kW, 708ft, GE  
Laurel: WMXI 98.1 PG< 2550w, 512 ft.  
XG: 31-33-22 / 89-09-09

McComb: WAQL 90.5 CC (NS)  
Oxford: WQLJ 93.7 NC to 13 kW, 456 ft, RX  
Pearl: WVIV 93.9 NC to 25 kW, 282ft, RE  
Prentiss: \*\*\* 104.9 GA for class A  
Redwood: \*\*\* 105.5 PA for class A  
Winona: WONA 96.7 GA: to 95.1 - A

**MISSOURI:**

Bonne Terre: KDBB104.3 PC> 1650 watts  
FC to adult rock, "104.3 FM", Blues NHL hockey  
Boonville: \*\*\* 93.1 PA for class A  
Buffalo: KBFL 99.9 adds Prime sports  
Jumbia: KPLA 101.5 playing jazz in the evening

**Missouri:**

Deer Lodge: K213CB90.5 NS-1w: KGFC 88.9  
Ferguson: KCFV 89.5 punk rock show Sun  
2000-2400 local time  
Ironton: KYLS 92.7 reported SI  
Malta Bend: KRLL 97.5 LC  
Park Hills: K216DE91.1 NW, w/ WAFR 88.3 MS, on ai  
Springfield: KSMU91.1 adds BBC World Service  
during overnights  
Tarkio: KTRX 93.5 PC> 11 kW, 489 ft, class C3  
Van Buren: \*NS 91.3 AF  
Willow Sp: KUKU100.3 FC to oldies "KU Oldies 100"

**MONTANA:**

Big Sky: \*NS 104.5 51w, 3362 ft.  
Billings: KBBB 103.7 CC (ex KBKO), "B104"  
Missoula: KYSS 94.9 PC> 62 kW, 2457 ft  
XC: 47-01-57 / 113-59-30  
Sidney: KTHC 95.1 LC

**NEBRASKA:**

Chadron: K207BY89.3 NS-250w: WAFR 88.3 MS  
Hubbard: \*NS 91.3 2.8 kW, 318 ft. (AFA)  
Kearney: K209CF89.7 NS-140w: WYFG 89.3 SC  
Nebraska City: KOSJ 97.7 adds Jones smooth jazz  
Omaha: KNOS 88.9 CC (ex KAGB)

**NEVADA:**

Beatty: K227AG93.3 NS-24w(h), DA: KKLZ 96.3  
Fallon: KRNG101.3 NO-RE  
Laughlin: KADD 93.5 NO-RE

**NEW HAMPSHIRE:**

Berlin: WPKQ103.7 CC (ex WZPK)

**NEW JERSEY:**

Cape May: \*NS 89.1 30 kW, 200 ft.  
E. Orange: WFMU 91.1 NC to 1.5 kW, 492 ft, RE  
Freehold Twp: WRLJ89.7 LC  
Long Branch: WZVU107.1 FC to  
country // WRGX 107.1 NY & WWHB 107.1 NY  
Newark: WNNK105.9 NC to 810w(h), 1223', GE  
Tuckerton: WTUC 99.7 NO-GE

**NEW MEXICO:**

Clovis: KAQF 91.1 LC  
Jal: \*\*\* 107.1 PA: to 103.7 - C1  
Las Cruces: KXDA103.1 adds WW1 adult rock (&)  
Portales: KSEL 95.3 adds WW1 country  
Reserve: \*NS 104.5 1.2 kW, 1420 ft.  
Santa Fe: KNYN 95.5 decrease to 1791 ft  
XG: 35-46-49 / 106-31-37  
Tatum: \*\*\* 107.1 PA to add class A

**NEW YORK:**

Albany: WHRL103.1 FC to Jones smooth jazz (&)  
Alfred: WZKZ101.9 CC (NS)  
Argyle: WNGX 91.9 QC from 91.7, PC< 240w  
571 ft, CL from Fort Ann, NY  
Avon: WQRV 93.3 CC (ex WHRR), "The River"  
Briarcliff Manor: WRGX 107.1 FC to country "Y107"  
Brockport: WASB105.5 NO-GE  
Center Moriches: WLVG 96.1 CC (NS)  
Geneva: WFLK101.7 PC> 5.4 kW, 125 ft, drop DA  
XC: 42-51-34 / 77-00-29  
Hampton Bays: WWHB 107.1 FC to country // WRGX  
107.1 NY & WZVU 107.1 NJ  
Honeoye Falls: WRCD 107.3 FC to Jones sm. jazz (&)  
Jamestown: WHUG 101.7 OSA for 6 kW, 328 ft  
XG: 42-07-53 / 79-13-13

**New York:**

Monticello: W233AH94.5NS-85w: WJFF 90.5  
 New York: WMXV105.1 FC to modern AC "The Buzz"  
 Ogdensburg: \*NS 98.7 dec. to 92 ft  
 XG: 44-43-41 / 75-26-36

Clean: WMXO101.5 FC to hot AC "Mix 101.5"  
 Remsen: WRFM 93.5 CC (ex WUUU), "Warm 93.5"  
 Rochester: WBER 90.5 CX CP for 50 kW  
 Sodus: WNNR103.5 PC> 6 kW, 243 ft, DA  
 Sylvan Bch: \*\*\* 100.3 GA for class A

**NORTH CAROLINA:**

Asheboro: WWMO89.5 NO-RE  
 Beech Mtn: WECR102.3NW, soft AC (&)  
 Charlotte: W230AJ93.9 NS-55w: WYFG 91.1 SC  
 Fuquay-Varina: WZZU 103.9 CC (ex WTCD)  
 Goldsboro: WEQR102.3 FC to hot AC (Greenville)  
 Harker Is: WLGP100.3 LC  
 Highlands: W279AH103.7NS: 10w: WHLC 104.5  
 Pinetops: WWRT 95.5 NO-GE  
 Snow Hill: WAGO 88.7 NO-RE

**NORTH DAKOTA:**

Carrington: KYNU 98.3 NW, CC (ex KANG), country  
 Dickinson: KCAD 99.1 NW, country (&)  
 Jamestown: KXGT 95.5 CC (ex KYNU), FC to oldies  
 Valley City: KQDJ101.1 CC (ex KOVC)  
 Wishek: KAEI 100.3 NO-CX-DE

**OHIO:**

Bryan: WGBE 90.9 NW, news/classical //  
 WGTE 91.3 Toledo  
 Cleveland: WCPN 90.3 PC< 47 kW, 508 ft, DA  
 Dayton: W258AI99.5 NS-100w: WGXM 98.1  
 Hicksville: \*\*\* 106.7 GA for class A  
 Mansfield: WVMC 90.7 PG> 170w(v)

**OKLAHOMA:**

Ada: KTLS 93.3 GA: to C1,CL: Newcastle, OK  
 Atoka: K219CX91.7 NS-250: WAFR 88.3 MS  
 Durant: \*NS 91.1 AF (AFA)  
 Hollis: \*\*\* 92.5 XA to delete class A  
 Hollis: \*\*\* 101.3 XA to add class C3  
 Poteau: KARG 91.7 2.5 kW, 1866ft. (AFA)  
 CC (NS)

Watonga: KIMY 93.5 GA: to 93.9 - A  
 Weatherford: \*NS 90.5 AF (AFA)

**OREGON:**

Ashland: KKJJ 107.5 NW, adult con. (Medford)  
 Bandon: KBDN 96.5 LC  
 Canyon City: KJDY94.5 LC  
 Cherryville: \*NS 88.7 1w(h), 220w(v), 1568 ft.  
 Eagle Point: KZZE1106.3NS-93w(h)

**PENNSYLVANIA:**

Altoona: WFGY 98.1 decreases to 941 ft  
 XC: 40-34-01 / 76-26-32  
 Cambridge Sps: WAQM 104.5 CC (NS)  
 Center Vly: W278AI 103.5NS-250w: WBYO 88.9  
 Forest City: \*\*\* 100.1 PA to add class A  
 Grove City: \*NS 88.9 NO-RE  
 Harrisburg: WYMJ 94.9 FC to all Christmas music  
 Mill Hall: WZRZ 98.7 LC  
 New Berlin: WBGW 88.1 NW, religion // WPGM 96.7

**SOUTH CAROLINA:**

Ladson: WRLQ106.3 NO-RX

**SOUTH DAKOTA:**

Clear Lake: \*\*\* 107.1 PA to add class C3  
 Lowry: KMLO100.7 NW, country(&) // KPLO 94.5  
 Spearfish: K211CY90.1 NS- WAFR 88.3 MS

**TENNESSEE:**

Bells: \*NS 93.1 OSA to 3.7 kW, 400 ft  
 XG: 33-41-32 / 96-26-36  
 Benton: WBIN 93.1 NW, adult contemp.  
 Cookeville: WHRS 91.7 NW, // WPLN 90.3 Nashville  
 Crossville: WNKW89.3 LC  
 Dickson: WYYB 93.7 PC> 18 kW, class C3  
 Dyer: WLSQ 94.3 adds adult alternative (&)  
 Henry: \*\*\* 104.7 GA for class A  
 Humboldt: WLSZ105.3 adds adult alternative (&)  
 Kingsport: WQCR 88.3 LC  
 Knoxville: WQBB104.5 PG< 2.3 kW, 528 ft  
 XG: 36-00-08 / 83-56-41  
 Lexington: \*\*\* 96.5 XA to add class A  
 Middleton: \*\*\* 100.7 GA for class C3  
 Murfreesboro: WMOT89.5 PC> 100 kW, 676 ft, C1  
 XC: 36-05-07 / 86-26-22

Murfreesboro: WMTS88.3 NW, alternative  
 Parker's Crossroads: \*\*\* 96.5 GA for class A  
 Pioneer: WAJG 89.3 NO-GE  
 Ringgold: WMPZ 93.7 FC to urban oldies (&)

**TEXAS:**

Abilene: KHXS106.3 NC to 50 kW, 492ft, CX  
 Amarillo: KPVY100.9 NO-RE  
 Amarillo: KAPU 90.7 LC  
 Borger: \*NS 88.7 10kW (h), 3 kW (v), 203 ft  
 (changed from original 91.5 grant)  
 Brownfield: KLZK 104.3 PG> 50 kW, 466 ft, class C2  
 XG: 33-25-08 / 102-08-58  
 Caldwell: KHEN 95.1 NO-RE  
 Centerville: KAJG 103.1 NO-RE



Dimmitt: KNNK100.5 OSA for class C2,43 kW, 489'  
 Hempstead: KEZB105.3 NO-GE  
 Huntsville: KCEY 99.7 NO-RE  
 Ingram: \*NS 90.1 50 kW, 319 ft,  
 (TX Pub. Radio)

Longview: \*NS 91.7 AF (AFA)  
 Odem: KLHB 98.3 CC (ex KKHQ)  
 Palacios: KKOS 99.7 CC (NS)  
 Stanton: \*\*\* 105.9 37 kW, 400 ft.  
 Sterling City: KAKR96.5 NO-GE  
 Temple: KKIK 104.3 PA: to CL of Taylor, TX  
 Victoria: \*NS 88.5 AF (AFA)  
 Wake Village: \*\*\* 92.5 PA to add class A

**UTAH:**

Centerville: KUMT105.7 PC> 25.5 kW, 3644 ft.  
 Levan: \*\*\* 101.5 PA for class A  
 Richfield: KKWZ 93.7 PC> 41 kW, 2883 ft, class C  
 XC: 38-32-30 / 112-03-31  
 St. George: KVYS 95.9 NO-GE

**VERMONT:**

Danville: WSHX 95.7 NW, alternative // WNCS  
 Middlebury: WRMC91.1 NC to 1.3 kW, 249 ft  
 XC: 44-01-34 / 73-09-44  
 Plainfield: WGDR 91.1 PG> 1.7 kW, -348 ft.

**VIRGINIA:**

Blacksburg: W278AJ103.5 NS-65w:WPSK 107.1  
 Charlottesville: WNRN 91.9 NW, adult alternative  
 Martinsville: WPIM 90.5 LC  
 Monterey: WVLS 89.7 PG> 360w (v), class B1  
 Petersburg: WVST 91.3 NC to 2.2kW(v), 167', DA, RE  
 Vinton: WJJS 106.1 PG< 730w, 909 ft  
 XG: 37-22-23 / 79-55-40

**WASHINGTON:**

Bremerton: KRWM106.9 PC< 55 kW, 1243', DA  
 Clarkston: KVAB102.9 CC (NS)  
 Cle Elum: \*\*\* 93.7 PA for class A  
 Leavenworth: KLVH101.1 NO-RE  
 Moses Lake: KMLW88.3 inc. to 679 feet  
 XG: 46-56-31 / 119-25-41  
 Naches: KHHK 96.9 CC (ex KYKA)  
 Sunnyside: KZTB 96.7 CC (ex KREW)  
 Walla Walla: KUJ 99.1 420w, 1194 ft. CC (NS)  
 NW, CHR,

**WEST VIRGINIA:**

Clarksburg: WPDJ104.9 PC> 6 kW, 321 ft.  
 Paden City: W226AH 93.1 NS-6w(v): WRRR 93.9

**WISCONSIN:**

Balsam Lake: WWLC 104.9 CC (NS)  
 Brillion: WEZR107.5 PG< 5 kW, 751 ft, ND  
 XG: 44-21-30 / 87-58-48  
 Brookfield: WFMI 106.9 FC to jazz "The Oasis"  
 Portage: WBKY 95.9 NO-RE  
 Superior: KRBR102.5 CC (ex KZIO)  
 Two Harbor: WRSR104.3 FC to Jones smooth jazz (&)  
 Two Rivers: WQTC102.3 GA: to class A,  
 CL: Manitowoc  
 Two Rivers: \*\*\* 98.9 GA for class A  
 Whitewater: WKCH 106.5 NO-RE

**WYOMING:**

Cheyenne: \*NS 104.9 6 kW, 0 ft.  
 Glenrock: \*\*\* 98.3 PA to add class A  
 Newcastle: \*NS 99.3 NO-RE

**U.S. TERRITORIES:**
**GUAM:**

Barrigada: KHMG 88.1 NW, religion

**PUERTO RICO:**

San German: WZG91.7 LC

**VIRGIN ISLANDS:**

Charlotte Amalie: WVNK 97.1 NO-RE


**CANADA**
**ALBERTA:**

Calgary: \*NS 88.9 23.5 kW

**BRITISH COLUMBIA:**

Abbotsford: \*NS 104.9 990w, to boost CFSR 104.9  
 which is moving its xmtr to Mt. Seymour  
 Vancouver: \*NS 96.1 to be ethnic (owned by the  
 CJVB-1470 folks)

**NEW BRUNSWICK:**

Frederickton: \*NS 90.5 840w, French  
 Woodstock: \*NS 91.9 CBC repeater

**ONTARIO:**

Fort Erie: CKEY101.1 PG> 19.7 kW  
 Haileybury: \*NS 102.3 780w, CBC  
 Newmarket: CKDX 88.5 PG> 500 w, inc. height  
 Orangeville: CIDC103.5 wants PG< 21.7 kW  
 Peterborough: CFFF96.3 wants 92.7, 250 w.  
 Sudbury: \*NS 96.7 1.3 kW, campus station  
 Timmins: CJQQ 92.1 PG> 40 kW

**QUÉBEC:**

Cabano: CJAF 1240 QG to 98.3 - 3 kW  
 (is relay of CJFP 103.7 Rivière du Loup)  
 Jonquière: CHOC 92.5 reported SI  
 Longveil: \*NS 103.3 PG< 104 watts  
 Rimouski: CFLP 100.1 denied move to  
 102.9, 33.6 kW  
 Ste-Jerome: CJER900 app. for FM freq. DENIED  
 Ste-Jovite: CKSJ 1400 app. for FM freq. DENIED

• Steve Ryan writes about a test broadcast he has heard in the Metro Toronto area, on 101.3. It is originating from the North Etobicoke region of town, near Highway 401 and Dixon Rd, with 100 watts ERP. CIRV used to broadcast from this facility before they moved recently. The purpose is to investigate interference, for a future license application. The party who is running the test is interested in reception reports, and can be reached at 416-719-2630.

• Eric Bueneman writes about several items ... He believes that KYLS 92.7 Ironton, MO has been silent for some lengthy period of time, as there is no listing in the local phone book. Eric, they are also listed as silent in the latest M Street book. There also may be activity soon on the CP for new station KHCR 97.7 Potosi, MO, as Eric noted an FM tower already up outside that town, but a studio may still need to be built. Eric noted the XHMORE calls I heard on 98.9 in Tijuana, noting that six-letter calls in North America being very rare, with an



**TUNE IN TO  
 CJSW 90.9 FM**

AM station in Costa Rica being the only other one. I am betting then that the real call on that station is still XHQB as listed in official directories, and that I heard fake calls, like "WMIX" or "WHO T". Eric suspects, correctly I believe, that the city of license for WKOC 93.7 is now Chesapeake, VA. I recall that change being "official", but still have seen them mentioned as Elizabeth City, NC on occasion.

- Doug Smith indicates that hearings were held by the CRTC on October 7 for the big vacant Toronto FM spot (99.1), and October 25 for the Montreal frequency (I believe it is 95.1). Sources indicate that reserving these spots for the CBC was overturned, but other reports on the Internet suggest otherwise.

- Ralph Strobel has updates on quite a few pirates in Indiana. In Indianapolis, near Butler U., Ralph has noted a 90.5 pirate called "RFI" for "Radio Free Indianapolis". It was also noted with a good signal in the Shadeland Antique Mall and Shadeland Rd. area of town. A phone number of 466-2800 was given. Ralph phoned, and heard back from the operator, who noted the station originates from near Broad Ripple High School on E. 62nd St. It turns out that this station is different from RFI, and is called BRC, for "Broad Ripple Channel". Both stations have 1/10 of a watt, but 1 watt on weekends. There is a group this person is involved that is looking for a frequency for a low power community FM, perhaps 91.5 WRFT Franklin Twp on the south side of town, or 91.7 Pendleton. It was also found out that a third 90.5 pirate used to operate in Indy near the I-465 tower farm, but no longer exists. Other FM frequencies in Indianapolis to watch for are 97.5 in the Marion College area, and 91.9 in the Fountain Square area. Back in Muncie, the 88.1 pirate previously heard has not been heard recently. However, on July 21, a new pirate was found on 91.1, in mono, and all talk. The top of the hour ID is for KHMC 1360 Johnstown and KTMG 1370 Deer Trail. The signal covers all of Muncie. Ralph, I heard these stations on a trip last summer. They are located in the prairie east of Denver, and were running something called the "USA Patriot Network", which seemed to be mostly political talk shows similar to the People's Radio Network. Ralph also briefly noted a 91.3 pirate in Muncie relaying WENS 97.1, but that vanished. In a more recent letter, Ralph notes that the 91.1

"KHMC/KTMG" pirate has moved to 107.5, possibly to alleviate interference to WWHI 91.3, a local high school station.

- Mike Lazaro also sent in some information. One article deals with Straus Media's acquisition of more stations in the Poughkeepsie area: WRNQ 92.1, WKIP 1450, and an LMA agreement for WNSX 96.1. This brings their total in that area to nine, as they also own or operate WHUC 1230, WTHK 93.5, WCTW 98.5, and WCKL 560, and also some Ellenville stations. No personnel or format changes were expected. There is also a letter to the editor from Ric Mitchell, of Clifton Park, a former morning DJ for WKLI 100.9, which changed to a "modern/ac" format as "K100" this year. Speaking of that station, they have done fairly well with the new format, bringing in a 5.2 among 25-54 year olds. They appear to have taken some listeners away from WFLY 92.3, Top 40 "Fly 92". Also benefiting from this change is WYJB 95.5, which is soft adult contemporary, which leaped from 6.9 to 9.0 in the 12+ demographic. Another article from the November 4-10 *Capital District Business Review* discussed the CP in Queensbury, NY, on 105.7 (WNYQ). This station, which has been in the works for ten years, was finally slated to come on the air in mid-November. However, there is local opposition in the neighborhood where the tower is to be located: a residential area on the top of Grant Mountain, near Moreau State Park. Residents contend that the town erred in awarding the site, as they see the tower as a commercial entity. The town's interpretation was that it was a public utility. The article states that WNYQ will be ready in mid-November, though I still have not heard of its debut, so these problems may be causing further delay. Keep us posted, Mike! In a related article, Mike sends an editorial from the same paper from a "16-year-old radio enthusiast", Gavin Burt, from Glenmont, suggesting Prospect Mountain, near Lake George. He says that WCKM 98.5 and WKBE 100.3 already broadcast from there, and can be heard all the way to Northway (I-87) exit 30. The writer seems to be very knowledgeable about radio; hope he finds our club someday!



P.O. Box 12521  
Albany, N.Y. 12212

# STATISTICS

Featuring FM/TV Scoreboards, All Time Distance Records,  
States Stats and Personal Best Statistics of FM/TV DXers.  
(Column issued bi-monthly, 1997 Deadlines:  
Feb/5th, Apr 5th, Jun 5th, Aug 5th, Oct 5th & Dec 5th)

Fred Nordquist  
7945 Boxford Rd  
Clay, NY 13041  
E-Mail:

Fred.Nordquist@bbs.scsd.k12.ny.us

UPDATED 12/14/96			FM SCOREBOARD						DEADLINE: THE 5TH						
DXER NAME	DXER LOCATION		TOTAL	88-92	ES	MS	AU	USA	CN	MX	FO	TPU	YB	AS	OF:
DYER, PAT	TX	SAN ANTONIO	2996	467	2449	78	0	44+	4	22	6	77	70	06/30/96	
MERRILL, FRANK	IL	MACOMB	2636	450	1181	10	8	48+	8	8	3	68	85	02/20/96	
PUGH, KEITH	AL	NEW HOPE	2380	382	1324	108	18	47+	7	14	6	75	83	12/28/95	
CONIGLIO, GREG	NY	WILLIAMSVILLE	2056	340	1066	18	32	41+	8	2	5	57	85	10/12/95	
BUNTIN, DANNY	OK	STILLWATER	2051	346	1218	4	0	48+	5	9	2	65	74	04/08/96	
FELA, JOSEPH	NJ	S. PLAINFIELD	1979	424	1097	2	10	38+	6	0	3	47	68	07/10/96	
EBELING, JOHN	MN	BLOOMINGTON	1924	326	1074	57	89	48+	6	5	0	60	52	01/01/96	
ELVING, BRUCE	MN	ESKO-DULUTH	1833	340	1400	9	8	47+	4	2	0	54	48	02/02/96	
BUGAJ, MIKE	CT	ENFIELD	1830	253	1018	25	23	37+	6	1	3	48	74	12/28/95	
NORDQUIST, FRED	NY	CLAY	1746	374	877	48	59	42+	5	0	3	51	69	12/08/96	
HAWK, MIKE	NE	OMAHA	1588	312	866	30	0	47+	6	4	0	58	91	07/30/95	
EBELING, JOHN	MN	PROSIT	1545	298	985	4	6	48+	9	2	0	60	75	01/01/96	
SEYBOLD, BOB	NY	DUNKIRK	1461	316	649	0	2	45	8	3	3	59	58	01/01/96	
ZONDLO, JOHN	OK	YUKON	1443	273	815	2	0	42+	5	9	0	57	79	02/17/96	
JEFFERSON, JOHN	CA	DIABLO REGION	1343	302	767	180	1	30	4	7	0	41	74	03/14/96	
SMOLAREK, BOB	NJ	OLDWICK	1288	195	620	2	4	36+	4	0	3	44	78	09/01/95	
SHAFTAN, RICHARD	NJ	SPARTA	1239	198	541	21	0	37+	5	0	3	46	78	09/06/95	
SITTEL, MATT	FL	TALLAHASSEE	1156	162	554	2	0	38+	2	6	4	51	92	01/18/95	
MORGAN, GIL	MO	LEBANON	1109	199	255	26	0	40+	5	5	0	51	94	10/06/95	
HOLBROOK, HANK	MD	DUNKIRK *	920	252	249	19	0	35+	7	0	4	47	59	10/10/95	
GETTING, DANIEL	PA	EXTON/PHOENIXV	919	234	317	9	2	34+	7	0	1	43	77	07/23/95	
NIEMAN, DAVID	NY	ROCK CITY	848	199	136	9	1	35+	5	0	0	41	91	05/28/96	
SIEGEL, GARY	OH	TOLEDO	792	167	180	0	0	33+	5	2	1	42	76	05/05/96	
STEINBERGER, RICHARD	MA	HUDSON	769	164	336	12	6	35+	5	0	0	41	58	11/15/95	
TUDENHAM, JOHN	MO	JOPLIN	759	134	192	1	0	43+	3	2	0	49	91	07/10/96	
SMITH, DOUG	TN	PLEASANT VIEW	671	121	201	1	0	35	3	8	2	48	94	02/24/96	
SIMON, KEN	FL	LAKE WORTH	545	148	437	0	0	34+	2	4	8	49	66	07/05/95	
JEZIORSKI, MIKE	FL	CRESCENT BEACH	489	88	205	0	0	33+	3	1	2	42	93	04/18/96	
DURKIN, PAT	WI	WEST ALLIS	428	89	81	0	0	32+	3	0	0	36	78	08/29/95	
GEORGE, PETER	MA	STOUGHTON	394	94	149	20	2	36+	5	0	0	42	67	07/05/95	
MANCUSO, GUS	MD	CHEVERLY	364	65	62	0	0	26+	0	0	0	27	72	10/01/95	
MCVEY, TIM	PA	HANOVER	333	55	38	0	0	20+	3	0	0	24	94	09/09/95	
MOUNT, PAUL	NJ	MONMOUTH	307	48	21	0	0	20+	0	0	0	21	90	08/24/92	
SITTEL, MATT	NC	ASHVILLE	302	37	68	0	0	22	2	2	2	28	94	01/22/96	
THOMAS, JIM	CO	FORT COLLINS	261	35	129	8	0	24	3	1	0	28	89	02/10/96	
BUENEMAN, ERIC	MO	HAZELWOOD	213	31	72	0	0	24	0	2	0	26	92	11/12/95	
SCHWEITZER, BOB	VA	SALEM	76	9	0	0	0	5+	0	0	0	6	91	01/14/95	
TURNER, RICK	MA	N DARTMOUTH	67	16	0	0	0	6	0	0	0	6	96	11/27/96	

\* VERIFIED.

COLUMN DEFINITIONS: are as follows: Total = Total number of FM stations logged from DXer's location (All loggings should be received within 25 mile radius of this location to count.) Freq. changes count as a station, call letter changes DO NOT count. Also count a station only once regardless if logged by different propagation modes. 88-92 = All stations logged from 88.0 to 91.99 Mhz. Es=Total number of stations logged by E-skip. MS=Total by meteor scatter. Au=Total via Aurora. USA=Total number of states and the "+" = Washington, DC. CN=Number of Canadian provinces logged. MX=Number of Mexican states logged. PO=Number of foreign countries, but not Canada/Mexico. TPU (Total number of political units)=Sum of USA CN MX and FO. YB = The year you began DXing from this location. Other groundrules for computing log totals are included in VUD issue 03/96. Note: Now is the time to update and submit your latest stats to keep on the Scoreboard. Also submit any distance records, states stats and personal best statistics. Send via E-mail or snail mail. 73 - FRED.

UPDATED		12/14/96	TV SCOREBOARD						DEADLINE: THE 5TH									
DXER NAME		DXER LOCATION	TOTAL	UHF	LPTV	ES	MS	AU	USA	CN	MX	PO	TPU	YB	AS	OF:		
KADET,	JEFF	IL MACOMB	1597	1089	551	253	3	0	45+	7	11	7	71	83	10/21/96			
MERRILL,	FRANK	IL MACOMB	1390	887	393	247	21	0	45+	7	12	3	72	85	02/20/96			
SEYBOLD,	BOB	NY DUNKIRK	1365	801	234	217	30	6	49+	7	1	5	63	50	11/04/96			
GARCIA,	FERNANDO	NL MONTERREY	702	467	173	107	0	0	31	0	8	5	44	91	12/31/95			
SIEGEL,	GARY	OH TOLEDO	645	308	49	149	0	0	39+	6	2	2	50	70	05/05/96			
FERNANDO,	GARCIA	NL CD. GUADALUPE	560	356	117	96	0	0	30	0	7	5	42	91	03/19/95			
BARSTOW,	ROY	MA TEATICKET	515	317	90	99	5	1	36+	7	0	1	45	71	10/24/95			
NIEMAN,	DAVID	NY ROCK CITY	508	366	77	53	0	0	35+	5	0	0	41	91	10/07/96			
DYER,	PAT	TX SAN ANTONIO	488	155	13	199	64	0	42+	5	18	5	71	59	12/31/95			
MILLER,	RUSS	ME AMITY	479	242	108	102	75	0	33+	7	0	3	44	94	11/08/96			
HEPBURN,	WILLIAM	ON BRAMPTON	463	300	46	97	1	0	36+	7	0	1	45	85	06/01/96			
CONIGLIO,	GREG	NY WILLIAMSVILLE	446	269	43	93	0	0	35	6	0	2	43	86	10/14/95			
KRUSZKA,	JEFF	LA BATON ROUGE	402	252	56	73	0	0	31+	1	6	2	41	93	09/15/96			
NORDQUIST,	FRED	NY CLAY	391	247	43	75	3	0	36+	6	0	1	44	69	12/08/96			
OGLETHORPE,	DANNY	LA SHREVEPORT	385	152	18	127	0	0	37+	4	9	2	53	94	06/04/96			
SHAFTAN,	RICK	NJ SPARTA	374	189	26	102	0	0	36+	5	0	1	43	81	09/06/95			
SMITH,	DOUG	TN PLEASANT VIEW	371	244	30	46	1	0	31	2	4	1	38	94	02/24/96			
WHEELER,	FRANK	PA ERIE	331	92	0	239	5	2	33+	9	0	0	43	53	07/30/96			
HANLEY,	CHRIS	IL GALESBURG	210	108	10	60	0	0	28	6	0	1	35	88	08/09/95			
BUENEMAN,	ERIC	MO HAZELWOOD	207	147	6	25	0	0	24	2	0	0	26	92	11/12/95			
JEFFERSON,	JOHN	CA ANTIOCH	203	103	-	75	0	0	16	4	4	0	24	74	03/14/96			
MILTIER,	RANDY	CA SAN JOSE	126	38	2	70	2	0	16	?	3	0	?	69	01/25/95			
MOUNT,	PAUL	NJ MONMOUTH	95	67	5	2	0	0	12+	0	0	0	13	90	08/24/92			
STEINBERGER,	RICHARD	MA HUDSON	87	50	4	6	0	0	14	1	0	0	15	60	11/15/95			
HAWK,	MIKE	NE OMAHA	82	48	7	5	0	0	11	2	0	0	13	91	07/29/95			

\* VERIFIED.

COLUMN DEFINITIONS: are as follows: Total = Total number of TV stations logged from DXer's location (All loggings should be received within 25 mile radius of this location to count.) Freq. changes count as a station, call letter changes DO NOT count. Also count a station only once regardless if logged by different propagation modes. UHF = All stations logged from CHANNELS 14 TO 83. Es=Total number of stations logged by E-skip. MS=Total by meteor scatter. Au=Total via Aurora. USA=Total number of states and the "+" = Washington, DC. CN=Number of Canadian provinces logged. MX=Number of Mexican states logged. PO=Number of foreign countries, but not Canada/Mexico. TPU (Total number of political units)=Sum of USA CN MX and PO. YB = The year you began DXing from this location. Other groundrules for computing log totals are included in VUD Issue 3/96.

# PERSONAL BESTS - FM STATISTICS - 12/96

CHANNEL METRICS - Keith Pugh - New Hope AL (01/01/96)																			
MHZ	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106
.1	21	18	16	25	54	42	33	9	38	23	30	11	28	21	6	32	27	7	15
.3	29	8	14	26	22	15	46	50	24	25	20	33	23	33	39	19	5	27	29
.5	28	16	25	24	31	50	27	31	12	25	21	27	13	33	24	17	23	22	13
.7	17	9	27	12	16	26	25	37	33	23	30	17	23	17	28	17	16	21	20
.9	9	23	18	18	30	35	36	15	6	26	28	47	33	23	22	29	35	22	9
TOTAL	104	74	100	105	153	168	167	142	113	122	129	135	120	127	119	114	106	99	86
																			96
																			2379
* +90.4 Cuban = 2380																			
CHANNEL METRICS - Pat Dyer - San Antonio TX - (06/30/96)																			
MHZ	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106
.1	31	29	16	15	27	22	45	41	19	19	31	33	11	16	16	49	41	35	29
.3	32	29	19	11	60	38	48	60	16	2	37	31	6	15	56	33	18	11	60
.5	41	28	22	28	54	81	50	36	46	17	44	10	7	34	19	13	3	37	21
.7	30	28	18	13	73	41	24	45	45	79	33	18	27	18	1	30	16	34	19
.9	33	22	8	12	2	35	48	37	44	43	29	39	13	3	11	55	66	41	18
TOTAL	167	136	83	79	216	217	215	219	170	160	174	131	64	86	103	180	144	158	147
																			2990
* +88.8(1)/89.0(1)/98.6(2)/99.1(1)/100.8(1)=2996																			

FM STATISTICS  
AS OF: 12/14

STATES STATS

PU	#	DXER	#	DXER	PU	#	DXER	#	DXER	PU	#	DXER	#	DXER	PU	#	DXER	#	DXER
USA					USA(CONT)					CANADA					MEXICO				
AL	163	KPU-	69	MS12	MT	30	JJE2	28	JEB2	AB	30	JJE2	29	JJE2	AGU(AG)	2	MS12	1	JP1-
AK	11	JJE3	0	None	NE	80	MHA-	56	FME1	BC	20	JJE2	11	JEB2	BCM(BM)	17	PDY-	10	FMC-
AZ	55	PDY-	39	JJE2	NV	28	PDY-	24	DBU-	MB	15	FMC-	13	FMC2	BCS(BS)	1	PDY-	1	JZO-
AR	86	DOD-	66	JFE-	NH	35	RST1	17	AMI-	NB	11	FME1	7	RST1	CAM(CE)	2	KPU-	1	SW11
CA	428	JJE2	140	PDY-	NJ	90	JFE-	73	RSM-	WF	13	JFE-	13	DNI1	CHP(CH)	4	PDY-	0	None
CO	122	DAL-	85	KPU-	NM	69	KPU-	54	RST-	NT	1	WHE2	1	JJE2	CHI(CI)	13	FME1	9	MHA-
CT	49	MBU-	42	AMI-	NY	246	FMO-	198	DNI-	NS	15	FME1	11	KPU-	COA(CL)	12	KPU-	12	FME1
DE	19	DOE-	17	JFE-	NC	124	MS11	93	PDY-	ON	133	DNI-	131	GCO-	COL(CY)	0	None	0	None
FL	190	FME1	175	MS12	ND	34	FMC-	34	FMC2	PEI	3	RST-	2	JFE-	DF (DF)	21	TMC-	21	JP1-
GA	131	KPU-	124	PDY-	OH	248	RST-	177	FME-	PO	31	DNI-	29	GCO-	DUR(DU)	1	PDY-	0	None
HI	29	SRE1	0	None	OK	141	DBU-	140	JZO-	SK	12	FME1	10	JJE2	GTO(GW)	9	JP1-	2	TMC-
ID	28	DBU-	30	PDY-	OR	31	JP1-	29	FMC2	YT	0	None	0	None	GRO(GR)	7	PDY-	1	JP1-
IL	261	FME1	231	RST-	PA	180	DNI1	149	JFE-	FOREIGN					HGO(HD)	1	JP1-	0	None
IN	226	RST-	132	DBR-	RI	14	WMO-	14	RST1	CUBA	6	RST-	6	KPU-	JAL(JA)	12	TMC-	10	PDY-
IA	127	JEB-	120	BR-	SC	76	PDY-	69	MS13	BELIZ	3	PDY-	3	KPU-	MEX(MC)	3	JP1-	3	PDY-
KS	107	DBU-	99	JZO-	SD	48	KPU-	41	PDY-	BERMU	3	DNI-	3	GCO-	MIC(MH)	3	JP1-	1	PDY-
KY	132	RST-	83	PDY-	TN	165	KPU-	101	DSM1	EL SA	8	PDY-	4	SW11	MOR(MR)	5	PDY-	3	JP1-
LA	79	JFE-	73	GCO-	TX	357	PDY-	252	RST-	GUATE	23	PDY-	5	SW11	NAT(NA)	1	PDY-	0	None
ME	47	RST1	41	KPU-	UT	35	PDY-	25	FME1	HONDU	6	PDY-	5	SW11	QUE(OT)	1	PDY-	0	None
MD	61	JFE-	54	DOE-	VT	20	KPU-	17	RST1	JAMAI	29	KPU-	11	MS12	OAX(OX)	1	JP1-	1	PDY-
MA	105	RST1	77	MBU-	VA	70	JFE-	67	MS11	PUERT	5	MJE-	4	KST-	PUE(PU)	6	PDY-	4	TMC-
MI	177	RST-	139	FME-	WA	46	FMC2	35	DAL-	D.REP	2	FME1	1	KSI-	QUE(OT)	1	PDY-	0	None
MN	227	JEB2	218	JEB-	WV	68	GMA1	43	RST-	BAHAM	2	KPU-	1	DSM1	QUJ(QU)	0	None	0	None
MS	96	KPU-	69	JFE-	WI	143	BEL2	140	JEB-	C.RIC	6	SW11	1	PDY-	SLP(SL)	2	TMC-	2	KPU-
MO	175	GMO-	169	FME1	WY	31	RST-	30	PDY-	CAY I	3	KPU-	0	None	SIN(SM)	3	JJE2	1	DBU-
					DC	14	GMA-	13	DNI-						SOM(SO)	8	JJE2	7	PDY-
															TAB(TB)	4	KPU-	2	PDY-
															TAM(TM)	25	SW11	21	KPU-
															TLA(TZ)	1	KPU-	0	None
															VCZ(VZ)	11	SW11	9	JP1-
															YUC(YU)	7	FME1	4	SW11
															ZAC(ZA)	1	KPU-	1	DSM1

ABOVE STATS REPRESENT MOST NO. OF STATIONS FOR EACH  
POLITICAL UNIT (PU) FROM A SPECIFIED DXER LOCATION.  
FIRST AND SECOND PLACE DXERS ARE LISTED ONLY.  
OTHERS THAT ARE TIED FOR SECOND ARE NOT LISTED....FJM.

FM STATES STATS-DXER INITIALS/LOCATION/GRID COORDINATES

12/14/1996				12/14/1996				12/14/1996				12/14/1996				12/14/1996			
INIT	DXER	NAME	LOCATION	LAT	NO.	LONG	WEST	INIT	DXER	NAME	LOCATION	LAT	NO.	LONG	WEST	INIT	DXER	NAME	LOCATION
				DEG	MIN	DEG	MIN					DEG	MIN	DEG	MIN				
AMI-	ALAN	MILLMAKER	IL	CENTRALIA	38	31	89	8	JJE2	JOHN M	JEFFERSON	CA	PLEASANTON	37	40	121	53		
BEL2	BRUCE	ELVING	NH	DULUTH	46	47	92	6	JJE3	JOHN M	JEFFERSON	AK	ANCHORAGE	61	13	149	53		
DAL-	DOUGLAS	MALLEN	CO	WOODLAND PAR	39	0	105	3	JP1-	JIM	PIZZI	NM	LOVINGTON	32	57	103	21		
DBR-	DAVID	BRUMFIELD	IN	MUNCIE	40	11	85	23	JZO-	JOHN	ZONDLO	OK	YUKON	35	30	97	45		
DBU-	DANNY	BUNTIN	OK	STILLWATER	36	7	97	4	KPU-	KEITH D	PUGH	AL	NEW HOPE	34	32	86	24		
DNI1	DAVID J	NIEMAN	NY	AKRON	42	58	78	32	KSI-	KEEN	SIMON	FL	LAKE WORTH	26	37	80	3		
DNI1	DAVID J	NIEMAN	NY	ROCK CITY	42	1	78	28	MBU-	MIKE	BUGAJ	CT	ENFIELD	41	58	72	36		
DOD-	DAVID	ODELL	AR	LITTLE ROCK	43	16	96	15	MHA-	MICHAEL	HAWK	NE	OMAHA	41	31	96	3		
DOE-	DAN	ODETTING	PA	BROOMALL	39	59	75	22	MJE-	MIKE	JEZIORSKI	FL	ST.AUGUSTINE	29	44	81	20		
DSM1	DOUGLAS	ESMITH	TN	PLEASANT VIE	36	24	87	5	MS11	MATTHEW	CSITTEL	NC	RALEIGH	35	47	78	39		
FMC-	FRED	MCCORMACK	ND	DES LACS	48	17	101	25	MS12	MATTHEW	CSITTEL	FL	TALLAHASSEE	30	29	84	18		
FMC2	FRED	MCCORMACK	ND	FARGO	46	52	96	48	MS13	MATTHEW	CSITTEL	NC	ASHVILLE	35	34	82	37		
FME-	FRANK	MERRILL	MI	MILAN	42	5	83	40	PDY-	PAT	DYER	TX	SAN ANTONIO	29	28	98	36		
FME1	FRANK	MERRILL	IL	MACOMB	40	27	90	40	RBR-	RUSS	BROWN	WI	ST JOSEPH	42	6	86	29		
FNO-	FRED	NORDQUIST	NY	CLAY	43	8	76	8	RSM-	BOB	SMOLAREK	NJ	HIGH BRIDGE	40	40	74	54		
GCO-	GREG	CONGLIO	NY	CHEEKETOWAGA	42	59	78	41	RST-	RALPH	STROBEL	IN	MUNCIE	40	11	85	23		
GMA-	GUS	MANCUSO	MD	CHEVERLY	38	55	76	55	RST1	RICHARD	STEINBERGER	MA	HUDSON	42	24	71	35		
GMA1	GUS	MANCUSO	WV	BIRCH RIVER	38	30	80	47	SRE1	SHEL	REMYINGTON	HI	KEAAU(FERN F	19	27	155	10		
GMO-	GIL	MORGAN	MO	STOCKTON	37	39	93	49	SW11	STEVEN C	WISEBLOOD	TX	BROWNSVILLE	25	54	97	30		
JEB-	JOHN	EBELING	MN	BLOOMINGTON	44	50	93	19	TMC-	TIMOTHY	KMCVEY	TN	BOLIVAR	35	16	88	59		
JEB2	JOHN	EBELING	MN	PROSIT	47	0	92	37	WHE2	WILLIAM	RHEPBURN	NT	CORAL HARBOR	64	8	83	10		
JFE-	JOSEPH	FELA	NJ	S PLAINFIELD	40	35	74	25	WMO-	WILLIAM	KNOLLMAN	CT	BOZRAH	41	20	72	36		

TV STATISTICS			AS OF: 12/14 STATES STATS								
PU	# DXER	# DXER	PU	# DXER	# DXER	PU	# DXER	# DXER	PU	# DXER	# DXER
USA			USA (CONT)			CANADA			MEXICO		
AL	51 JKA-	47 FGA-	MT	9 FME1	8 JKA-	AT	9 JKA-	8 FME1	AGU(AG)	0 None	0 None
AK	0 None	0 None	NE	57 JKA-	43 FME1	BC	1 FWH-	0 None	BCN(BN)	2 FGA-	2 PDY-
AZ	6 JKA-	5 PDY-	NV	3 FGA-	3 PDY-	MB	10 FME1	7 JKA-	BCS(BS)	2 PDY-	0 None
AR	47 JKA-	26 FME1	NH	11 RBA-	10 RST1	NB	20 RM12	9 RBA-	CAM(CE)	0 None	0 None
CA	7 PDY-	2 FGA-	NJ	17 RBA-	16 RSM-	NF	5 RBA-	5 WHE-	CHP(CH)	5 JKA-	2 FGA-
CO	25 JKA-	17 FME1	NM	5 JKA-	5 PDY-	NS	34 RM12	30 RBA-	CHI(CI)	5 JKA-	4 FME1
CT	20 RBA-	12 RSM-	NY	96 DNI-	87 FND-	ON	91 WHE-	84 DNI-	COA(CL)	10 FGA-	4 JKA-
DE	6 RBA-	5 RSM-	NC	34 RBA-	21 FGA-	PEI	5 RM12	1 RBA-	COL(CY)	1 JKR-	0 None
FL	115 FGA-	80 MS12	ND	9 JKA-	7 FME1	PQ	44 RM12	19 DNI-	DF (DF)	2 PDY-	1 JKR1
GA	47 FGA-	39 JKA-	OH	88 JKA-	77 FME1	SK	17 FME1	16 JKA-	DUR(DU)	0 None	0 None
HI	10 SRE1	0 None	OK	59 JKA-	46 FME1	NT	2 WHE6	1 WHE7	GTO(GW)	1 JKA-	1 JKR1
ID	6 FME1	4 PDY-	OR	1 PDY-	0 None	YT	0 None	0 None	GRO(GR)	2 PDY-	1 FGA-
IL	87 JKA-	81 FME1	PA	70 DNI1	44 RBA-				HGO(HD)	0 None	0 None
IN	69 JKA-	64 FME1	RI	7 RBA-	5 RM12	FOREIGN (AMERICAS)			JAL(JA)	1 PDY-	0 None
IA	74 JKA-	70 FME1	SC	22 FGA-	18 RBA-	CUBA	9 FGA-	7 FME1	MEX(MC)	0 None	0 None
KS	43 JKA-	38 FME1	SD	25 JKA-	24 FME1	D.REP	1 JKA-	1 FME1	MIC(MH)	0 None	0 None
KY	41 FME1	37 JKA-	TN	51 JKA-	46 FME1	EL SA	2 FGA-	2 PDY-	MOR(MR)	0 None	0 None
LA	61 JKR1	59 FGA-	TX	174 FGA-	109 PDY-	GUATE	1 FGA-	1 PDY-	NAY(NA)	0 None	0 None
ME	29 RM12	22 RBA-	UT	4 JKA-	2 PDY-	HONDU	2 FGA-	0 None	NL (NL)	14 FGA-	6 PDY-
MD	13 RSM-	13 DNI1	VT	11 RBA-	7 RM12	NICAR	1 PDY-	1 FGA-	OAX(OX)	2 PDY-	0 None
MA	29 RBA-	26 RST1	VA	42 RBA-	19 DNI1	PUERT	1 JKA-	0 None	PUE(PU)	1 PDY-	1 JKR-
MI	79 JKA-	71 FME1	WA	4 JKA-	3 FME1	VENEZ	1 GCO-	0 None	QUE(OT)	1 PDY-	1 FME1
MN	126 JKA-	73 FME1	WV	16 JKA-	18 FME1	FOREIGN (OTHER)			QUI(QU)	1 JKA-	0 None
MS	32 JKR1	29 FGA-	WI	61 JKA-	60 FME1	AUSTR	1 JKA-	1 FME1	SLP(SL)	0 None	0 None
MO	71 JKA-	56 FME1	WY	4 JKA-	4 FME1	FRANC	1 WHES	0 None	SIN(SN)	1 PDY-	0 None
			DC	13 GMA3	8 RBA-	NORWA	1 JKA-	0 None	SON(SO)	3 PDY-	0 None
						SWEDE	1 JKA-	0 None	TAB(TB)	2 PDY-	0 None
						UK	2 WHES	0 None	TAM(TM)	16 FGA-	8 PDY-
						USSR	1 JKA-	0 None	TLA(TZ)	0 None	0 None
									VCZ(VZ)	4 PDY-	2 JKA-
									YUC(YU)	5 FGA-	2 PDY-
									ZAC(ZA)	2 JKA-	1 JKR-

ABOVE STATS REPRESENT MOST NO. OF STATIONS FOR EACH  
POLITICAL UNIT (PU) FROM A SPECIFIED DXER LOCATION.  
ONLY 1ST AND 2ND PLACE DXERS LISTED.  
OTHERS THAT ARE TIED FOR SECOND ARE NOT LISTED....FJM.

TV STATES STATS-DXER INITIALS/LOCATION/GRID				COORDINATES				12/14/1996				LAT NO. LONGWEST			
12/14/1996				LAT NO. LONGWEST											
INIT	DXER NAME	DXER LOCATION	DEG MIN DEG MIN	INIT	DXER NAME	DXER LOCATION	DEG MIN DEG MIN	INIT	DXER NAME	DXER LOCATION	DEG MIN DEG MIN	INIT	DXER NAME	DXER LOCATION	DEG MIN DEG MIN
DNI-	DAVID J NIEMAN	NY AKRON	42 58 78 32	MS12	MATTHEW CSITTEL	FL TALLAHASSEE	30 29 84 18								
DNI1	DAVID J NIEMAN	NY ROCK CITY	42 1 78 28	PDY-	PAT DYER	TX SAN ANTONIO	29 28 98 36								
FGA-	FERNANDO GARCIA	MEX GUADALOUPE(N	25 41 100 15	RBA-	ROY BARSTOW	MA TEATICKET	41 36 70 36								
FME1	FRANK MERRILL	IL MACOMB	40 27 90 40	RM12	RUSSELL MILLER	ME AMITY	45 54 67 53								
FNO-	FRED NORDQUIST	NY CLAY	43 8 76 8	RSM-	BOB SMOLAREK	NJ HIGH BRIDGE	40 40 74 54								
FWH-	FRANK WHEELER	PA ERIE	42 8 80 4	RST1	RICHARD STEINBERGER	MA HUDSON	42 24 71 35								
GCO-	GREG CONIGLIO	NY CHEEKTOWAGA	42 59 78 41	SRE1	SHEL REMINGTON	RI KEAUA(FERN F	19 27 155 10								
GMA3	GUS MANCUSO	MD HYATTSVILLE	38 56 76 56	WHE-	WILLIAM RHEPBURN	ON BRAMPTON	43 40 79 46								
JKA-	JEFF KADET	IL MACOMB	40 27 90 40	WHE5	WILLIAM RHEPBURN	ON NIAGARA FALL	43 5 79 6								
JKR-	JEFF KRUSZKA	LA NARAHAN	29 56 90 11	WHE6	WILLIAM RHEPBURN	NT FROBISHER BA	63 44 68 28								
JKR1	JEFF KRUSZKA	LA BATON ROUGE	30 30 91 10	WHE7	WILLIAM RHEPBURN	NT EUREKA	80 0 85 56								

#### STATISTICS - PERSONAL BESTS - FM/TV

FM Personal Bests - John Tudenham - Joplin MO(07/10/96)  
Furthest Es: KNEV-95.5 NV Reno 1381 mi.  
Farthest Tr: KEDT-90.3 TX Corpus Christi 664 mi.  
Closest Es: WEZB-97.1 LA New Orleans 554 mi.  
Best Freq: 95.7 - 21 logged. Best Es PU: FL - 57.

FM Personal Bests - Keith Pugh - New Hope AL (01/19/96)  
Furthest Es: KRSE-105.7 WA Yakima 1975 mi.  
Farthest MS: CKNT-93.1 NB Fredericton 1307 mi.  
Farthest AU: XHAAA-93.1 TM Reynosa 918 mi.  
Farthest Tr: XHAAA-93.1 TM Reynosa 918 mi.  
Closest Tr: WHOP-98.7 KY Hopkinsville 172 mi.  
Closest Es: WKQI-93.9 SC St.Matthews 328 mi.

1995 TV Personal Bests - Fernando Garcia-Monterrey Mex  
Most Loggings in 24 hr period (11/26-27): 161 (37 new)  
Total Stations logged in year: 573 (153 new)  
Furthest Tr: WGNT-27 VA 1594 mi. Es: WMMT-3 MI 1440 mi.

TV Personal Bests - Russ Miller - Houlton ME (11/18/96)  
Furthest Es: TTT-2 Port of Spain 2466 mi.  
Furthest UNF: WTAT-24 Charleston SC 1111 mi.

FM Personal Bests - Fred Nordquist - Clay NY (12/96)  
Furthest Es: KCEP-88.1 NV Las Vegas 2129 mi.  
Furthest Tr: KMYO-95.7 AR Little Rock 1042 mi.  
Furthest MS: KQTZ-105.9 OK Hobart 1052 mi.

# EASTERN TV DX

Hope everyone has had a great Christmas and wonderful, but save, New Year's eve. It's hard to realise that another year has come and went and I'am still suffering with AIDS. I was born with AIDS and will die with AIDS. Thats ACQUIRED INCOME DEFICIENCY SYNDROME, means that I was born poor and will probably will die poor.

## REFLECTIONS ON THE LAST ELECTION

During a news report about a campaign fund raiser for Bill Clinton, the reporter made the comment that someone had a little to much drunk and threw a beer at the President, however not to worry it was a DRAFT BEER and President Clinton DODGED IT!!!

I would like to thank everyone who has supported this editor with there reports since I took over the column. We really do try to repeat the reports exactly as sent in; however there has been times that wrong call letters, or info may have been sent due I'm sure to typo's and such. These were corrected. Butwhen the reporter repeats the DX day after day it must by cut for lack of space and repetition.

## UPDATE

For all who missed it- "EASTERN TVDX" REPORTS WILL CONTINUE TO USE THEIR LOCAL TIME IN THEIR REPORTS. This was the WISH of the majority of the reporters.

Also for those who are still wondering about the format the report should be in- PLEASE NOTE - the same format as WESTERN TV DX and what is used in this column. This is the agreed upon format from headquarters. Hope this answers everyone's questions.

Now to the reports.....

....

....

## RUSSELL MILLER

Box 1736 Houlton, ME 04730

### Equipment:

UHF-RDX-Labs 902PA/ 7" Screen CM dish  
1/2" HL/ 760' ASL, BW Goldstar TV

Video rating: P5-Snow free  
P1-Snow.

## SEPTEMBER 1996

1	Tr 1758	WRIW-23	RI (P3)	324
	2220	W16BC-16	NH (P1)	
		W38CB-38	NH (P4)	
	2306	W34BL-34	MA (P5)	321
	2312	WCEA-19	MA (P3)	29
2	Tr 0005	W48AE-48	RI (P2)	332
	0008	W33AV-33	MA (P5)	292
		W32AY-32	MA (P5)	292
	0223	CBHT-2	NS (P2)	
	2252	CJCB-9	NS (P1)	
	2308	CIVG-9	PQ (P1)	

## OCTOBER

2	Tr 0800	WHRO-15	VA (P4)	771
		WBVT-43	VA (P4)	753
		WGGB-40	MA (P3)	351
		WNJU-47	NJ (P5)	485
		WGTW-48	NJ (P3)	534
		WTXF-29	PA (P5)	550
		WHSE-68	NJ (P4)	477
		WBOC-16	MD (P5)	654
		WTGI-61	DE (P5)	577
		WCPB-28	MD (P5)	654
		WBIS-31	NY (P3)	473
		W34BL-34	MA (P5)	321
		WHMC-23t	SC (P3)	1023
2	Tr 0830	WMBC-63	NJ (P3)	480
	0850	WNJS-23	NJ (P3)	CHRT
		WWLP-22	MA (P3)	351
		WNYE-25	NY (P3)	473
	0905	WYDQ-14	NC (P3)	867
		WBFF-45t	MD (P1)	637

*Russell Miller's report cont.*

OCTOBER

2	Tr	0905	WNJB-58	NJ	(P4)	499
			WMFZ-69	NJ	(P3)	480
		0944	W14BGt	(TBN)???		
			<u>WMPT-22</u>	MD	(P2)	649
			W25AW-25t	NJ	(P3)	524
		1033	<u>W36AS-36</u>	NJ	(P3)	chrt
			WNJM-50	NJ	(P3)	474
			WNJT-52	NJ	(P3)	524
			Unid-53	Infomercial		
		1045	WHRO-15	VA	(P4)	771
			(STILL-IN)			
6	Tr	2030	<u>WBRE-28</u>	PA	(P1)	514
		2158	WBFF-45t	MD	(P1)	
			WHAG-24t	MD	(P1)	
		2205	WNYE-25	NY		
		2225	WRNN-62	NY	(P2)	410
		2236	Unid-62			
			<u>WYBE-35</u>	PA	(P2)	550
			WTFX-29	PA	(P3)	550
		2324	<u>WPDE-15</u>	SC	(P4)	1024
		2326	<u>WHMC-23</u>	SC	(P2)	1023
		2359	WNJS-23	NJ	(P3)	550
7	Tr	0001	<u>WTAT-24</u>	SC	(P4)	1111
(Thanks for the photo Russ, I'll have to try and print it in a future issue)						
		0015	WHSP-65	NJ	(P4)	573
			WHSE-68	NJ	(P4)	477
			WTBY-54	NY	(P5)	419
		0038	<u>WUNU-31</u>	NC	bars	975
		0040	<u>WUNP-36</u>	NC	bars	827
		0043	WNJU-47	NJ	(P5)	485
		0100	<u>WLFL-22</u>	NC	slde	897
		0133	WLIW-21	NY	(P3)	460
		0158	WPDE-15	SC	S/OFF	
		0201	Unid-16			
		0220	<u>WRDC-28</u>	NC	slde	894
		0300	WRAZ-50t	NC	bars	
8	Tr	0810	WCPB-28	MD	(P5)	654
		0815	WBOC-16	MD	(P5)	654
			WNJU-47	NJ	(P5)	485
			WXTV-41	NJ	(P4)	
		0820	WTFX-29	PA	(P5)	550
			W34BL-34	MA	(P5)	321
		0830	WBIS-31	NY	(P3)	473
		0835	WHSP-65	NJ	(P4)	573
			WHSE-68	NJ	(P4)	477
			WRIW-23	RI	(P3)	324
		0850	W48AE-48	RI	(P3)	332
		0907	WEDH-24	CT	(P5)	373

0909	WGBS-57	PA	(P3)	550
0920	WGTW-48	NJ	(P3)	534
0925	<u>WOST-69</u>	RI	(P2)	375
0945	WMPT-22	MD	(P2)	649
1018	WPHL-17	PA	(P3)	550
1044	WTGI-61	DE	(P3)	577
	WNJT-52	NJ	(P2)	524
1109	WNYE-25	NY	(P2)	473
1112	W28AJ-28	CT	(P2)	408
1143	WYBE-35	PA	bars	550
1200	WFMZ-69	PA	(P3)	530
1208	W65??-65	CT	(not pbs)	
1218	W36AS-36	NJ		
1239	WMBC-63	NJ	(P3)	480

21 Tr Middle Musauodoboit, NS wireless cable channels: 14, 22, 24, 30, 36, 50, 53, 57

COMMENTS:

WTAT Charleston, SC at 1111 miles was in all night, usually at P4 levels. Situated on the warm side of a double high pressure system with a developing hurricane moving up the coast out of the Gulf of Mexico made for one very happy DXer on the 6th and 7th of October. This same storm system may have contributed to the October 2nd opening also.

I'll note the highlights of this summer DX; on 1 July - Es into Puerto Rico for WKAQ-2 and WAPA-4 /// 18 July - Tropos into Ontario// 8 August - Tropos into Varigina Beach, VA // 16 August - Trops to Philly // 20 August - Trops in all directions to 550 miles.// 22 August Trops Canada with CIII-29 and CHLF-25 at 744 and 629 miles/// 23 August - Trops to VA // Also many wierless cable channels.

DAVID AUSTIN

Box 8661 Myrtle Beach, SC 29578-8661

EQUIPMENT:

Sharp 10" BW; Radio Shack LP-190 log periodic antenna at 15' Radio Shack U-120 corner reflector yagi with R/S 15-1108

E-mail: [daustin@sccoast.net](mailto:daustin@sccoast.net)

WWW: <http://www.users.sccoast.net/daustin/home.html>

David Austin cont.,

"CAROLINA BANDSCAN"

OCTOBER 1996

12 Gw/	0723	WRJA-27	85	
Tr		WKFT-41	94	
		WRLK-35	125	Columbia
		WIS-10	125	
		WLTx-19	125	
		WOLO-25	125	
		<u>WLFL-22</u>	144	Raleigh
		WRAL-5	144	
		WNCN-17	144	
		WRDC-28	144	
		WCTI-12		
		WNSC-30	149	Rock Hill
		WFVT-55	149	
12 Gw/	0730	<u>WTVI-42</u>	154	Charlotte
		WSOC-9	154	
		WCCB-18	154	snowfree
		WCNC-36	154	
		WTVd-11	159	Durham
		<u>WJZY-46</u>	163	Belmont, NC
		WGHP-8	169	
		<u>WNEH-38</u>	191	Greenwood
		<u>WRET-49</u>	195	
		WNTV-29	216	Greenville
12 Tr		<u>WSPA-7</u>	195	
14 Tr	2102	<u>WRDW-12</u>	181	Augusta
		WJBF-6	181	
		<u>WGGs-16</u>	216	Greenville
		<u>W20AL-20</u>	66	
15 Gw	2115	WLFL-22	144	
		WRAZ-50	144	
		WUNK-25	158	
		WUNP-36	203	
16 Gw	0806	WEYB-LP-56	61	Florence
		WUNG-58	153	
18 Es	1157	CHBX-2	930	Ontario
	1206	WBAY-2	892	
22 Tr	0844	WVAN-9		
		WTOC-11		
		WTLV-12		
		WJKS-17		
Gw	0926	WBNU-36	87	Charleston
	2355	WRMY-47	167	
25 Gw	0548	WHKY-14	198	Hickory
27 Tr	1721	WJKS-17	FL	
		WAWS-30	FL	
		WTEV-47	FL	
		WJEB-59		
29 Gw	0627	WUNE-17	236	NC

David Austin cont.,

29	WACH-57	125	SC
	WASV-62	247	NC
	WKAY-64	157	NC
	WLOS-13	under	WBTW-13
	WUNF-33	under	WJPM-33

-...- -...-

ROY BARSTOW

Box 2488 Teaticket, MA 02536

JULY 1996

24 Es	2030	WCIA-3	IL
25 Es	1000	WFOR-4	FL
		WPBT-2	FL
26 Es	1300	KYTV-3	MO
	1330	KTVI-2	MO
29 Tr	0050	W44AI-44	NY
		W54AY-54	NY
	0100	W38CH38	NY
		W23BC-23	NJ
30 Tr	2115	WMEB-12	ME
		WMED-13	ME
	2120	CKLT-9	NB
31 Es	2232	WPBT-2	FL

AUGUST 96

2 Gw	1600	WOST-69	RI
		(Now with 1,780 kw)	
4 Tr	2000	CBHT-11	NS
	2100	WHRO-15	VA
		WBOC-16	MD
		WMDT-47	MD
		WCPB-28	MD
	2115	CBHT-24	NS
		CBHT-52	NS
	2120	CIHF-45	NS
		CBHFT-46	NS
	2128	CIHF-34	NS
		CBHT-3	NS
	2130	WMED-13	ME
	2140	CIHF-9	NS
	2205	WMPT-22	MD
	2310	WUNP-36	NC
	2330	W36AS-36	NJ
		W36BJ-36	NJ (TBN)
5 Tr	0015	WHSW-24	MD
	0220	WDCA-20	DC
	0255	WRLH-35	VA
6 Es	1000	WCIA-3	IL
	1040	WBBM	IL
	1100	WEDU-3	FL

*Roy Barstow report cont.,*

Roy Barstow report cont.,				WRLH-35		VA	
	1325	WPBT-2	FL	0025	W52AB-52	VA	
	1330	WFOR-4	FL	0030	KYW-3	PA	
	1800	KSDK-5	MO	0050	CBHT-24		
		KTVI-2	MO		CIHF-45	NS	
	1810	<u>WMAQ-5</u>	IL	0100	CIHF-34	NS	
	1830	WCCO-4	MN		CIHF-18	NS	
	1900	WDAF-4	MO	0120	CBHT-11	NS	
	1905	KSTP-5	MN	0125	CIHF-20	NS	
	1912	KDLH-3	MN	0135	WFMZ-69	PA	
7	Tr	2030	WYDO-14	NC	8 Tr 0155	WSFX-26	NC
			WHRO-15	VA	0235	WLFL-22	NC
			WBOC-16	MD	0240	WRDC-28	NC
			WNCN-17	NC	1200	WNCT-9	NC
			WUNM-19	NC	1300	W19BM-19	VA
			WMPT-22	MD	1400	W36BJ	NJ
			WGNT-27	VA		W24OI-24	VA
			WCPB-28	MD	2100	W17BM-17	NY
			WTVZ-33	VA		WHMM-32	DC
			WUNJ-39	NC	8 Tr	W51BH-51	VA
			WMGM-40	NJ		W63AM-63	VA
			WVBT-43	VA	2355	W42AE-42	NY
			W45BG-45	VA	2359	W47AD-47	CT
7	Tr	2030	WMDT-47	MD	9 Tr 0030	W69AQ-69	MA
		2030	WJCB-49	VA	0050	WVIR-29	VA
		2100	WRAZ-50	NC		WHYY-12	DE
			W60AL-60	VA	0100	WRIC-8	VA
			WFXI-8	NC	0115	<u>W11BJ-11</u>	CT
			WNCT-9	NC	0120	W36BK-36	VA
			WCTI-12	NC	0130	WUCN-17	NC
			W19BM-19	VA (BOX)	0215	WBDC-50	DC
			W41AC-41	VA	0230	WLFL-22	NC
			WVEC-13	VA	0305	WYDO-14	NC
		2140	W62BL-62	VA	0315	WRDC-28	NC
		2145	CBHFT-46	NS	0330	CKLT-9	NB
		2200	WUNP-36	NC		CJCH-5	NS
			WTMW-14	VA	0340	CBAT-7	NB
		2230	20, 26, 50,	DC		CJCH-6	NS
			WBFF-45	MD	0345	CBHT-12	NS
		2300	WBAL-11	MD		CIHF-8	NS
		2305	WAVY-10	VA	11 Tr 1400	WMAB-2	MS
			W69CV-69	VA		WKRN-2	TN
		2310	WRAY-30	NC	1803	KMTV-3	NE
		2341	CIHF-34	NS	1810	KGAN-2	IA
		2345	W51BH-51	VA	1815	KFDX-3	TX
8	Tr	0000	WUNP-36	NC	13 Es 1030	WESH-2	FL
		0010	WUNK-25	NC		WEDU-3	FL
		0015	W59CE-59	VA	19 Tr 0100	WVEC-13	VA
			W66BZ-66	VA		W19BM	VA
			W69CV-69	VA		WGTW-48	NJ
			W24OI-24	VA	0200	W45BG-45	VA

Roy Barstow repot cont.,

		W40AH-40	VA (worship)		W45BG-45	VA
20	Tr	2055	WUNM-19	NC	W41AC-41	VA
		2100	WNCN-17	NC	W44AD-44	VA
		2105	WFXI-8	NC	W69CV-69	VA
		2130	WUNP-36	NC	W66BZ-66	VA
		2140	WRDC-28	NC	W62BL-62	VA
		2145	WUNJ-39	NC	W63AM-63	VA
		2200	WYDO-14	NC	W36BK-36	VA
		2213	WNCT-9	NC	2400 W52AB-52	VA
		2215	WITN-7	NC	51 Tr 0000	WBAL-11 MD
		2220	WRAZ-50	NC		WUNM-19 NC
		2225	WUNK-25	NC		WUNJ-39 NC
		2230	WKFT-40	NC		(Many UHF stations from NC and VA area, that are already listed in Roy's report. To many to list again.)
20	Tr	2235	WRAY-30	NC	0245	WRC-4 DC
		2242	WSFX-26	NC	0305	WJZ-13 MD
		2250	W20AT-20	NC		[Roy - I'll have to finish your September log in the next issue. ]
		2300	WRMY-47	NC		
22	Tr	(Eastern	Virgina in strong)			
		2100	W19BM-19	VA		
			W24OI-24	VA		
			W60AL-60	VA		

## SATELLITE NEWS



-----continued from page 15

GE AMERICOM GE-1 - 103 West - C and Ku-Band 1996 (12+years)  
powers not known  
FORMAT - Odds-Horizontal, Evens-Vertical  
C-Band

4 - Fox Sports Channel - CFO VC2  
6 - WNBC - Ch. 4 - New York, New York VC2 (NBC)  
7 - WPCB - Pennsylvania - religious  
8 - Fox Sports Channel Chicago VC2  
9 - Sports South VC2  
10 - WJLA - Ch. 7 - ABC - Washington, DC  
12 - feeds  
14 - Fox Sports Channel New England VC2  
16 - Fox Sports Channel Pacific VC2  
19 - NET - National Empowerment Television  
24 - WRAL - Ch. 5 - Raleigh, North Carolina CBS VC2

Ku-Band

Horizontal transponders

NBC feeds on 4, 9, 12, 20, 22, 25

27 - CycleSat News Feeds

Vertical -

29 - Chinese Television Service from Los Angeles area  
Oak/Orion encryption

That's all from this end - see you in 30

# WESTERN TV-DX

January 1997

Victor Frank  
12450 Skyline Blvd.  
Woodside, CA 94062-4541  
email frank@sneezy.srl.com  
(415)851-7031

Danny Oglethorpe, P.O. Box 6688, Shreveport, LA 71136-6688

October 5 1996	Tropo	UTC
0330 unID	20 TX	TBN; west
October 16, 1996	Tropo	
1245 unID	20 TX	TBN; west
October 18, 1996	Es	
1625 unID	2	Note #1
1630 TV National	2 Panama (tentative)	Note #1
October 20, 1996	Es	
1600 WGRZ	2 NY	1091
October 21, 1996	Tropo	
0630 New Orleans	4, 8, 26, 32	
0658 WLOX	13 MS	319
0730 WPML	15 AL unID bars; later s/on	355
1245 WKRG	5 AL	355
1250 WTOK	11 MS	296
1305 WALat	10 AL	
October 24, 1996	Es	UTC
0002 unID	2 XEW	
unID	3 TV7 in bar, floating	
unIDs	4,5 Canal Trece, others	
October 24, 1996	Tropo	
1520 New Orleans	26, 32, 38	
October 25, 1996	Es	
0005 unID	2 TV Azteca	
October 28, 1996	Tropo	
2110 XERV	9 TA	513
2132 XHAB	7 TA	503
2150 KZTV	10 TX	385
2158 KEDT	16 TX	385
October 29, 1996	Tropo unless noted	
0205 KENS	5 TX	347
0230 KMOL	4 TX	347
0235 KLRN	9 TX	347
0305 Austin TX	7, 36, 42	
0350 KABB	29 TX	347
1715 KDKA	2 PA Es	945
October 30, 1996	Tropo unless noted	
0225 unID	20 TX TBN; west	
0238 KTWOT	2 WYNBC Mountain feed	Es
0310 Memphis	5, 10, 13, 30, 50	
0315 K22FA	22 AR VCC	183
0425 K52DX	52 AR 3ABN	
0437 unID	42 TX SW	
0505 WMAV	18 MS METV	279
0510 KAIT	8 AR	295
0515 KTEJ	19 AR AETV	295
0540 K28DK	28 AR Shop At Home	183
0700 WLOV	27 MS Fox 27	308
0810 WPTY	24 TN Local off	285
0915 WCBI	4 MS	319
0932 WMAB	2 MS METV	276
WTVA	9 MS	319
November 1, 1996	Es	UTC
1332 unID	2 CBS	
1355 WCBD	2 SC	805
2255 unIDs	2,4 XEW, TV7	
2335 KDBC	4 TX	746

2338 XHBS	4 SI/SO XEW	
2345 unID	2 SI XHQ-3 relay	
November 2, 1996	Es	
0002 unIDs	2,4 XEW, XHGC-5	
November 4, 1996	Es	UTC
1510 unID	2 XEW	
1545 unID	3 Mexico, floating	
1620 unID	2 XHQ-3	
1705 XHBSt	4	
2220 WUND	2 NC	1031
WUNC	4 NC //2	875
2225 WFMY	2 NC	838
2255 unID	4 Andy Griffith	
WRCt	4 DC	
2301 WESH	2 FL	789
November 5, 1996	Es	
2330 unID	2 Mexico	
2338 XHBS	4 SI/SO XEW	
unIDs	2,4 Mexico	
November 14, 1996	Es	
1825 KUTVt	2 UT	
1830 KTWo	2 WY	996
November 16, 1996	Es	
0050 CKPR	2 ON "TBT 2 and 5"	1130
1805 WJBK	2 MI	904
November 17, 1996	Es	
1850 unIDs	2,4 Mexico	
November 18, 1996	Tropo	
0410 KWTv	9 OK	303
0420 KOCO	5 OK	303
0630 KOKH	25 OK	303
0740 KOTV	6 OK Local off	288
0743 KEMV	6 AR AETN movie marathon; //2, 9, 13	257
1810 KAIT	8 AR Memphis 5, 10, 13, 30, 50	295
1855 KDEB	27 MO "Fox 27"	335
1945 WMAV	18 MS	279
2125 WTVA	9 MS Floating on KETG; later over	319
WCBI	4 MS	319
2215 WLJT	11 TN Brief	
2340 WLOV	27 MS	308
WFIQ	36 AL APT	389
2345 WOWL	15 AL Over/under WXVT	389
November 19, 1996	Tropo	
0125 KTEJ	19 AR //AETN 2,9	295
0128 WMAB	2 MS //METV 18, 23, 29	276
0145 WHNT	19 AL	444
0150 WAAYt	31 AL	
WBMG	42 AL	410
WAFF	48 AL	444
0210 WCFT	33 AL Floating on KMSS	365
0412 WTTO	21 AL	411
0438 WTJP	60 AL TBN	461
0445 WDBB	17 AL	365
1605 KOCO	5 OK	303
1610 KWTv	9 OK	303

Note #1: Information sent to Matt.

## Western TV DX

Frank W. Merrill, P.O.Box 669, Macomb, IL 61455

Equipment: ICOM R-7000 and video adapter; or Zenith "1310" model late 70s. Ancient Winegard 8100 antenna at 40 ft (all-band antenna) and all-band Winegard preamp.

### August 1996

			Eastern
02 Es	1513	KDFW	4 TX
	1650	KRGV	5 TX
		KGBT	4 TX
	1708	KPRC	2 TX
	1900	KACB	3 TX
	2018	KOCT	6 NM Carlsbad
		KENW	3 NM
	2200	XEPM	2 CI
04 Es	1220	KNAZ	2 AZ
	1900	WGBH	2 MA
05 Es	1310	KASA	2 NM
06 Es	0815	KPRC	2 TX
	0830	WESH	2 FL
	0930	WJXT	4 FL
	1130	WEDU	3 FL
		WPBT	2 FL
	1306	WWL	4 LA
	1310	WKRQ	5 AL
	1314	KFDX	3 TX
	1320	KPRC	2 TX
	1329	WBRZ	2 LA
	1650	KASA	2 LA
	1925	WKTU	2 NY
07 Es	0145	KXMA	2 ND Note 1
	0253	KUTV	2 UT traces to about 0330
12 Es	1800	WKTU	2 NY
	1804	WFSB	3 CT
	1815	WLBY	2 ME
13 Tr	0350	KABY	9 SD
		KELO	11 SD
		KSFY	13 SD
		KSAX	42 MN
	0405	KDLT	5 SD 3/4 cb, ID, extr. rare
14 Tr	Overnight	UHFs	Toledo, Detroit, Cleveland
16 Es	0400	WESH	2 FL
25 Tr	0606	W22BW	22 WI Sturgeon Bay
			WGBA-26, 3/4 colorbar ID
			and other light regional Tr
	2200	WCMU	14 MI
			Detroit CCI - UHF

### September 1996

07 GW	2100	W50	50 IL Galesburg
			WWTO-35 Yecch!
10	0500+	much WI/MN	to usual barrier midstate
		WHWC	28 WI atop KFXA-IA
		KAAL	6 MN all-night with ANC
	1040	K35	35 IA Des Moines TBN
			"forgot to log in past"
11	0332	"KUJH"	14 KS Lawrence ed. LPTV
			test card ID, college photo
	0335	KCWB	29 MO call, ch on 3/4 cb,Z

### October 1996

01 Tr	0130-1220!	Many E. TX U's to Houston (800)
		occasional Waco, Austin

0600	KEJL	61 TX w/Shop at Home	800
		fade up & down as other	
		Houstons; no T.O. H. ID	
1430	all fade	"no trace of FM Tr. Most	
		boring long-haul Tr opening ever!"	
1856	WKPT	19 TN readable "floater"	
1918	WSBN	47 VA Note 2	
1950	WJHL	11 TN strong CCI	
04 Tr	0100-0600	UHF to AL, AR	
	0606	W22	22 ? Bloomberg News
			from South--what is this?
	0620	K60	60 "KPBI"
	0626	K59	59 "KPBI"
	0630	K5BN	57 AR 3/4 cb, ID--where?
		Editor: my database says Springdale AR	
	0644	K36	36 "Prime Sports" Joplin?
11 Tr	2355	WBGM	42 AL 525
		KHOG	29 AR snowfree 410-
		KASN	38 AR 450
			opening soon faded away
14 Tr	2210	KFXA	28 IA "strongest signal 110
			on dial period" Did not become Tropo
			opening as we hoped it would
27 Tr	0900-1900	MI/OH, kept very busy on FM	

### Notes:

- 0145/07 Aug--Noted with constant ID slide for KXMB-12, having apparently signed off.
- 1918/03 Oct--Their audio was noted on 47Z, and the CCI against Peoria was "skinny lines" instead of the usual block bars. Offset change, or drifting transmitter frequency?

Pat Dyer, WA5IYX, 5315 Silvertip Drive, San Antonio, TX 78228-2744

November 29, 1996	Es	UTC
0145	KGAN	2 IA Cedar Rapids
	WISC	3 WI Madison

Fernando Garcia, Apartado 30, Suc B, Cd Guadalupe, NL, 67181 MEXICO 1800' ASL, No logs in the same month, only tropo over 500 miles.

### Equipment:

Sony KV-27EXR15, Screened CM 7'dish 85', RG11, UA900 amp. Sony KV-13TR27, CM 1110 30', CM 8 bay UHF array 60' with R. Shack amp.

### September 16, 1996 Tropo

		CDT
0645	WVLA	33 LA NBC news area advs. 633
0700	KETK	56 TX "NBC, area weather" 533
	KFXK	51 TX "Gargoyles, FOX" 557
0730	WLPB	27 LA cci to KLDO 638

### September 17, 1996

0645	KFWD	52 TX Telenoticias 522
	KDXT	58 TX TBN 518

### September 21, 1996

2230	KVHP	29 LA FOX 530
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### September 22, 1996

0730	KXTX	39 TX 518
1130	KADN	15 LA FOX 586

# Western TV DX *(F. Garcia's report continues)*

1315 KMSS 33 LA FOX 615  
September 28, 1996

2015 WPMI 15 AL "NBC // KVEO-23, ID " 838  
WMAH\$ 19 MS ID at 2100 MS ETV 770  
WXXV\$ 25 MS FOX //XHFOX-57 764  
2030 WLAE 32 LA Calls bottom right 694  
WWSB 40 FL ABC 40 1108  
2045 WHBR 33 FL Educ. 838  
WEIQ 42 AL SAP dif. MAIN 825  
2115 WMPV 21 AL TBN (334) 633-2100 842  
2130 WNOL 38 LA WB 694  
WGNO 26 LA ABC//KAVU-25 694

September 30, 1996

0600 WGMB 44 LA u/o/ KLUJ 633  
WDBD 40 MS cartoons 754  
0630 WCCL 49 LA HSC 688  
0645 KLTl 18 LA "LPB, Barney" 548  
WFOA 32 AL "ABC,advs. central AL" 928  
0700 WUPL\$ 54 LA "cartoons, ID,UPN" 705  
KLPB 24 LA //KLTl-18 567  
0715 K55HA 55 LA advs. 596  
K56DR 56 LA "TBN, WVLA strong" 633  
0745 K30EM 30 LA 644  
0930 WMAU 17 MS educ //WMAH-19 697  
0945 WMPN 29 MS educ //WMAH-19 747  
WAPT 16 MS ABC // KAVU-25 754  
K49DE 49 LA New Iberia TBN 596

October 1, 1996 Tropo

0430 KETK 56 TX NBC News 533

October 7, 1996

2050 unid 13 TA unid ch 13 XHDF-13 east

October 9, 1996

2100 unid 43 TX "KMOL-4, n-nw" 586  
unid 47 TX KSAT-12 n-nw 530  
unid\$ 45 TX KENS-5 n-nw 548  
solid KVAW-16 TMD 567

October 10, 1996

0600 KADN 15 LA "ID ""Reboot"" 586  
0615 KVHP\$ 29 LA Lake Charles Dodge adv. 530  
0630 KLTl 18 LA Morning Business Report 548  
KLPB 24 LA //ch 18 567  
WGNO 26 LA "News, ABC26" 694  
0645 WCCL 49 LA HSN 688

October 11, 1996

2300 WFSG\$ 56 FL SAP dif. MAIN 929  
WLAE 32 LA Calls Bottom right 694  
WMAH\$ 19 MS PBS //KMBH-60 770  
2330 WUPL 54 LA "UPN54, 54 in blue" 705

October 12, 1996

0245 WDBD 40 MS calls 754  
WMAU\$ 17 MS "ETV, u/o/ XHFOX" 697  
0530 WTJP 60 AL TBN 998  
K69HD 69 LA Chuch Point KLAf 586  
K55HA 55 LA New Iberia KLAf 596  
KLAX 31 LA "ABC, ""31LAX"" 618

K51EC 51 LA Lake Charles TBN 532  
WHSG 63 GA TBN 1119  
0545 WLPB\$& 27 LA LPB test pattern 638  
WPAN 53 FL VCC 869  
KLTf-LP 21 LA "VJN, Solid KADN-15" 592  
0600 WJSP 28 GA GPTV in blue 1057  
WMTG\$ 41 GA "41 in red, NBC" 1115  
WPGA 58 GA Calls 1115  
K46DG 46 LA "MOR, //K69HD" 587  
WFOA 32 AL "Central AL,ABC" 928  
K49DE 49 LA New Iberia TBN 596  
WATL 36 GA Kids WB36 Atlanta 1104  
0615 WUPA 69 GA under K69HD 1100  
WXTX 54 GA splashing WUPL 1037  
0630 K56DR 56 LA "TBN, solid WVLA-33" 633  
0700 WLTZ\$ 38 GA NBC //WVLA-33 1036  
WFXL 31 GA FOX 1066  
0730 K30EM 30 LA Tri parish is HTV 644  
WJSU 40 AL Thank you for watching Alabama's ABC40 102  
0745 WTT0 21 AL FOX 969  
WGBC\$ 30 MS TODAY 834  
0800 KFXK 51 TX FOX 557  
0915 KDTX 58 TX TBN 518  
KASN 38 AR Homes for sale L.Rock 772  
0930 KMSS 33 LA FOX 615  
KLRT\$ 16 AR "FOX, under KEDT" 782  
1030 KVTH 26 AR Rel. 739  
1145 WPBA 30 GA SAP same MAIN 1103  
1200 WMCF 45 AL TBN (334) 277 4545 965

October 13, 1996

0315 WPGD 50 TN TBN 1102  
WJFB 66 TN Shopping 1093  
"unid ch FOX 28, KYLE? n-ne"  
0645 KWHB 47 OK Preaching 765  
KTFO 41 OK under KWEX 766  
0800 KLTs 24 LA LPB 616  
0815 KDOR 17 OK 795  
0900 KHSX 49 TX "ID, in your interest 518  
KTXA\$ 21 TX "UPN, SAP same MAIN" 518  
KCBDS\$ 11 TX NBC Meet the Press 555  
KLBK 13 TX CBS under KVTv 554  
KJTL\$ 18 TX FOX 598

October 19, 1996

0800 WTMV 32 FL "WB, Superman" 1135  
WTTA 38 FL "ID,FOX, SAP dif. MAIN" 1116  
WBHS 50 FL HSN 1116  
0830 WTOG 44 FL under KLUJ 1116

October 20, 1996

0800 WPMI 15 AL "ID, Meet the press" 838  
WMPV 21 AL area code 334 842  
0800 K31DZ 31 TX 1-800-752 3ABN 454  
0830 WTVK 46 FL Rel. 1153  
WZVN 26 FL logo for ch7(cable) 1153  
0900 KBZO-LP 51 TX UNI 558  
K14IX?? 14 TX "TBN, Midland hdn" 596  
0930 unid 15 "SS, n-nw" 633  
1000 WGMB\$ 44 LA "area advs, FOX44" 633

## Western TV DX (F. Garcia's report continues)

1015	WWSB	40 FL	ABC	1108
1045	KANC-LP	21 LA	solid WVLA-33	647
	K46CR	46 LA	Baton Rouge VJN	645
1145	WSRE	23 FL	SAP dif. MAIN	857

### October 21, 1996

0400	WFTS	28 FL	ABC-28	1116
0415	WTWC@	40 FL	Bars	1030
	WTLX	27 FL	ABC	1031
	W52BF	52 AL	"HSS, solid WPML-15"	818
	WACX@	55 FL	Super Channel 55	

			Leesburg-Orlando	1180
0430	WRBW	65 FL	65 logo bottom right	1192
0500	WEIQ@	42 AL	"APT, SAP dif. MAIN"	825
0530	WAIQ\$+	26 AL	APT your place	959
	WMDN@	24 MS	"Bars, begins 6 AM"	834
	WBMG	42 AL	"ID, This Morn. Business"	969
	WSFP	30 FL	Aerobics	1144
0545	WMAW@\$	14 MS	"ETV, begins 6 AM"	807
	WVLA\$	33 LA	Greater Baton Rouge	

			State Fair adv.	633
0615	WCFT\$	33 AL	ABC 33-40 Central AL	924
	WABM	68 AL	"Cartoons, UPN"	966
	W36AC	36 MS	Mc Comb TBN	710
0630	WAPT\$	16 MS	"ABC, logo bot. right"	754
0700	WSWS	66 AL	Cartoons	1023
0715	WTGL	52 FL	Preaching	1200
	WBSF	43 FL	HSN	1200
	WBBH	20 FL	NBC EDT	1144
	WGIQ	43 AL	SAP dif. MAIN	987
2000	WHBR	33 FL	"The 700 Club, ID"	838
	WJTC	44 FL	"44 WJTC" on screen"	842
2030	WDHN	18 AL	ABC	982
2100	WFTX	36 FL	Local FOX News	1142
2115	WNOL\$	38 LA	adv. 99.5FM The River	694
2130	W41BN	41 AL	Dothan TBN	980
	K59DG	59 LA	TBN //WMPV-21	688

### October 22, 1996

0015	W31BB	31 FL	Pensacola HSS	855
	unid	20	"Shopping, Meridian, MS??"	
	W46AV	46 MS	Pacagoula TBN	783
0030	WMPN\$	29 MS	//WMAH-19	747
0100	W39BP	39 FL	"Calls, Rel."	859

### October 26, 1996

0700	KDAF	33 TX		518
0730	KXTX	39 TX	pay adv	518

### October 28, 1996

0645	KLPA	25 LA	//ch 24	619
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### October 29, 1996

0400	KFWD	52 TX	Calls	522
	KDFI@	27 TX	Bars	518
0530	WFGX	35 FL	Worship	892
0545	WPGX	28 FL	"FOX, First Business"	952
	WXXV%	25 MS	begins pr. at 6:30AM	764
0600	WIIQ	41 AL	"APT, SAP dif. MAIN"	877

1000+ tropo DX returned in September 28, after 129

days. Great openings during October into Georgia and Florida, total stations logged: 113 from 9 states (best October ever).

### November 1, 1996 Tropo

### CST

0530	WUPL	54 LA	"ANC, UPN54"	705
	WNOL	38 LA	"HSS, WB38"	694
0545	WCCL	49 LA	HSN	688
	WXXV%	25 MS	programming at 6:30AM	764
	WMAH\$	19 MS	MS ETV	770
0600	WPML	15 AL	"News, ch 15 logo"	838

### November 3, 1996

0800	WGCUS\$	30 FL	ID	1144
	WZVN\$	26 FL	ABC, ch. 7 logo(cable)	1153
	WBBH\$	20 FL	News 2(cable), area wx	1144
0815	WTTA	38 FL	SAP dif. MAIN, Rel. pr	1116
	WBHS	50 FL	"ch 50 logo, interview"	1116
	WTVK	46 FL	Preaching	1153
	WWSB\$	40 FL	"ABC, News, ID"	1108
	WFTX	36 FL	FOX News Sunday	1142
0830	WTMV\$	32 FL	"Cartoons, WB32 logo"	1135
	WFCT	66 FL		1115
	WFLA	8 FL	Preaching	1116
	WINK	11 FL	CBS Sunday Morning News	1144
	WRXY	49 FL		1142
	WTOG\$	44 FL	u/KLUJ	1116
1030	WFLX	29 FL		1238
	WDZL	39 FL		1243

### November 5, 1996

0600	KFWD	52 TX	"Phone (214), ID"	522
0715	KADN	15 LA	"Dinosaurs, FOX"	586
2115	KDXT	58 TX	TBN	518

### November 6, 1996

0545	KHSX	49 TX	HSN	518
0600	KDAF\$	33 TX	WB	518
0700	KTLC	43 OK	"PBS, Barney"	706
	KSBI	52 OK	Calls up right	692
	KXTX	39 TX	Rel.	518
	KTXA	21 TX	SAP same MAIN	518

### November 19, 1996

0515	KETK	56 TX	NBC News	533
	KDFI&	27 TX	"hot TV"	518
	KLDT	55 TX	Shop at Home	544
0530	KAMC	28 TX	AG day	553
	KFKX	51 TX		557
0600	KUVN-LP	31 TX		521
2300	KVHP	29 LA	Billy Navarre Chevrolet	530

### November 20, 1996

0230	WVLA\$	33 LA	Perry's Subarn car adv.	633
0245	KERA@	13 TX	"WCY-25" and calls"	518
0545	KLTL	18 LA	Educ	548
	WLPB	27 LA	LPB //ch 18	638
0830	KWHB	47 OK	Ph 254 0147	765
	KTFO	41 OK	cci to KWEX	766
0930	KOKH\$	25 OK	"FOX, ID"	703
	KJTL\$	18 TX	FOX //XHFTX-57	598
1930	KARD\$	14 LA	FOX //KRIV-26	659

## Western TV DX *(Fernando Garcia's report concludes)*

2030 KLPA	25 LA //KLTL-18	619
K56DR	56 LA TBN //KLUJ-44	633
2200 K69HD	69 LA "ID, MASH"	586
2230 WDBD	40 MS FOX40	754
<b>November 21, 1996</b>		
0345 WGNO	36 LA ABC News	694
0615 WLAE&	32 LA	694
2300 KLTS	24 LA LPB	616
2315 KTBO	14 OK TBN (405) 848 1400	705
2330 KVTH	26 AR Worship	739
KWMJ	53 OK	766
<b>November 22, 1996</b>		
0000 KASN	38 AR Hanks opening store,UPN	772
KHBS	40 AR Southerlands F.Smith	730
KMSS	33 LA adv. Shreveport	615
0300 WFAA	8 TX ABC	518
0315 KSMO	62 MO Kansas city mentions	986
0330 KSAS	24 KS FOX24,adv. 105.3 FM Jazz	853
K24AD@	24 TX Wichita Falls KERA-13	579
0400 KDOR	17 OK TBN	795
0515 KOZK&\$	21 MO NOAA WX audio	906
0530 KDEB\$	27 MO Full ID, Vantage Point	905
0545 KSPR	33 MO ABC	906
KXII	12 OK CNN, adv. for Madill,OK	614
KSNF	16 MO NBC //KXAN-36	857
KPOM@	24 AR "starts 6AM, NBC"	783
0600 KHOG	29 AR Newscenter Sunrise	803
	unid ch 63 Rel.	
KXVO	15 NE "Calls, see notes"	1094
0630 KLRT\$	16 AR "Full ID, Masked Rider"	782
0645 KLAX	31 LA Alexandria advs.	618
1900 KCIT	14 TX FOX //KPEJ-24	677
KLBK	13 TX under KVTU	554
<b>November 23, 1996</b>		
0130 KMPX	29 TX TV 29	537
KBZO-LP	51 TX Univision	558
KXTQ-LP	46 TX Telemundo	552
0145 WAPT\$	16 MS Jerry Springler	754
0200 WMPN	29 MS MATH	747
WXVT	15 MS 15 blue, calls red	794
0215 KPTB	16 TX //KMLM-42 (915)563 4242	555
0345 WFBI	50 TN HSN	904
WPTY	24 TN	904
0400 WLMT	30 TN "UPN30, pay adv"	901
0545 K36AB@	36 OK	631
0600 WBUY	40 MS TBN	899
0630 KJTV	34 TX cci to local	552
0730 K36CC	36 TX "KVII-7 ABC, strong"	611
0815 KWTV	9 OK The Spirit of Oklahoma	703
1000 "unid ch 40	supersonics, Lubbock hdn"	
1030 KCBT	11 TX "ID, NBC"	555

Notes: Usually far north tropo opening for November allows the reception of KXVO-15. It was in for about 4 minutes carrying Disney Duck cartoons, when it went into advs. I saw big call letters on center of

screen.

This great opening was due to warm spell and cold front coming from northwest back of high pressure area.

**Dennis P. Smith**, 3703 Dixon St., Santa Barbara, CA 93105-2419 (805)687-7803

This report is for October and November 1996. Southern California tropo DX wasn't followed consistently in October, as I was out of town on some days, and conditions were not good when I did check. So, while I missed some observations, there may not have been much in this cooling, somewhat unsettled, weather month.

November had one good period, as coastal temperatures went up to 75-80°F., and inland to 90°, November 11 to 14, which provided some very good signals from San Diego/Tijuana, channels 6-69, 175-200 mi. After that, temps reverted to wintertime highs of 60s-F. statewide, at low elevations, with very little or no tropo.

Best of DX to all, Dennis.

## Postscript from your conductor:

I got one of those TV audio receivers that I had expressed interest in last year. I picked it up at a Salvation Army thrift store for under \$30. It is a Promax MTS-8650 TV Stereo Sound Receiver meant for home use (operates from 120VAC, and external antenna). Its main use would be in homes where the TV set lacked stereo and/or SAP (second audio program) capabilities. Besides having a receiver that covers all VHF/UHF channels, it can also process the MPX output from your TV (if you have it) to obtain stereo audio.

Before you rush out to one of these imports, I must inform you that this is **not** a DX receiver. It lacks the sensitivity and selectivity I think are necessary for **that**. The published specs are:

Sensitivity (S/N 20dB)	: 10µV
SAP Sensitivity (S/N 20dB)	: 50µV
Image response	: 40 dB
3 dB audio response, stereo	25-20,000 Hz
3 dB audio response, SAP	25-5000 Hz

As is, this receiver won't pull in the Stockton/Sacramento TV stations that the TV will. Perhaps it will prove useful (for other than listening to KKHI on channel 38's SAP) when connected to a different front end.

We've run out of space. Our exposition about antennas with wideband nulls will have to wait for another month.

# NORTHERN FM-DX

GREG CONIGLIO  
90 SLATE CREEK DR. APT #3  
CHEEKTOWAGA, NEW YORK 14227

e-mail: coniglio@localnet.com

For DXers in: MA,NH,VT,CT,MA,RI,NY,PA,NJ,OH,MI,IN,IL,WI,MN,IA,NE,SD,ND,MT,WY,ID,WA,OR,AK,Canada

**JANUARY 1997** **DEADLINE: THE 5TH** **LOG CUTOFF: 3 MOS FROM POSTMARK**

## HAPPY NEW YEAR!

**FRANK MERRILL - P.O. BOX 669 - MACOMB, ILLINOIS 61455**

**EQUIPMENT:** McIntosh MR78 and Tandberg 3001A (starting October 27). Channel Master 4408 FM antennas at 45 and 48 feet; the 48-foot used alone OR both antennas fed into Andy Bolin's phase box. The low-altitude "skip antenna" not applicable after August 6. See NOTE 4 for more info.

### AUGUST 1996 DX

#### 6 Tr Or Es

1317 unID 93.1 ?? "The Max 93.1 FM",  
probably Es, coming from south, Gulf Coast TV

#### 13 Tr

0441 KKRF 107.9 IA Stuart, local ads and  
"Hawkeye Country 97-3" simulcast 200  
0505 KCGNt 101.5 MN Ortonville  
(transmitter: SD) Moody - logged a few yrs ago

#### 25 Tr W

2322 WJEQ 102.7 IL Macomb, totally off,  
usually when "off" there is a dummy load that is  
still audible to the NW 1  
2348 KQEG 102.7 MN LaCrescent, very weak,  
o, WJEQ back just after midnight 236

### SEPTEMBER 1996 DX

#### 11 Tr

0358 KCCV 92.3 KS Olathe, legal ID, g 230  
0407 KTLI 99.1 KS ElDorado  
0430 -- 88.5 -- overload from KJTY 88.1  
and KLJC 88.5!!  
0505 unID 95.9 ?? Jingle: "Favorites of the  
70's and 90's - Y 95.9" (NOTE 1)  
0523 KID77 162.55 MO Kansas City  
-- 162.4 MO St.Joseph  
0541 KKBL 95.9 MO Monnett, "The New 96 FM"

### OCTOBER 6, 1996 Tr

0030 WHRK 97.1 TN Memphis, "Your #1 station  
in Memphis, it's K97", local ads, KXOK phased 389  
0137 WUSY 100.7 TN Cleveland, 2nd time ever 475  
0150 WQXE 98.3 KY Elizabethtown, "The Total  
Radio Gods" they sound beter on Quicksie 98.3  
"WQXE" jingle at 0153 315  
0249 unID 94.1 ?? "Froggy Country, Today's  
Country. 12 in row", nothing I can count, WMIX  
phased, undoubtedly something really good.  
(Frank, almost certainly Germantown, TN.

Hope you can get enough to log them next time!:-gc)

0317 KJMZ 101.7 TN Memphis, "Magic 101.1  
jams Memphis", local wx (NOTE 2) 389

### OCTOBER 6, 1996 Tr cont

0438 WWF80162.4 WI LaCrosse, relog, or needed  
0440 unID 162.55 ?? weather for NE IN  
and NW OH, not listed  
0508 WTCX 96.1 WI Ripon, "We stop the music  
only 3 times an hour .. more music, more fun,  
classic mix WTCX" (NOTE 3) 315  
0527 WHDG 97.5 WI Rhinelander, calls 350  
0536 WLTM 99.7 WI Sturgeon Bay, mr  
"Light 99.7 FM"  
0555 WCML 91.7 MI Alpena CMU network 550  
0700 WIZD 99.9 WI Rudolph, "WIZD Rudolph  
Plover, central WI's oldies stn", WJVL phased 310

#### 11 Tr

2114 WDKR 107.3 IL Maroa, "Decatur's  
Rock, WDKR" 110  
2220 KMEM 100.5 MO Memphis, calls, WYMG  
phased, finally moved from 96.7, k 60  
2237 KFBD 97.9 MO Waynesville, "Counting  
Crows on Mid MO's rock authority, KFBD"  
also "B98", KICK-MO phased, same dir. 180  
2328 KRKN 104.3 IA Eldon, calls, temp 105  
2355 Super strong regional enhancement prevented  
any AL to AR tropo

#### 27 Tr

0853 W- 162.5 MI Gaylord, no calls given, but  
ment freq. and transmitter "near Gaylord", NOT  
LISTED, first logging on this freq. 470  
0918 CBE 89.9 ON Windsor, same as ANIK  
E-2 satellite audio, WCBU phased  
0928 WKZQ 93.3 MI Midland, "Just look for the  
Z93 display at a Harmony House", r, WMXP phased  
(H.H. is a Michigan record-CD store chain) 420  
1009 WBTU 93.3 IN Kendallville, WMXP phased  
1028 WVXC 106.3 IN Crawfordsville, carrying  
"Whaddyaknow?" at 1632 local Cincinnati  
jazz program, WGCY-IL phased.

*Frank Merrill's report continues ...***OCTOBER 27 Tr cont.**

1032 WASK 98.7 IN Battle Ground 190  
 1548 WONE 97.5 OH Akron, 97-5 WONE, with  
 WHMS phased, impossible w/out phasing 480  
 1637 WKHY 93.5 IN Lafayette  
 1655 WLQR 101.5 OH Toledo, "101.5 The River"  
 ad for Weber's (On The Water), Franklin Park  
 Lincoln Mercury (NOTE 5) 380  
 1818 WZWZ 92.5 IN Kokomo, "Z93" contest  
 mentions picking up prizes at Kokomo Mall  
 with WKIO-IL phased 240  
 1857 WONE 97.5 OH Akron, still in  
 1906 WMJI 105.7 OH Cleveland, phone 696-WMJI  
 barely o/Indianapolis, WWCT phased, o 470  
 1935 WLZQ 101.1 IN S.Whitley, 2nd time ever

**OCTOBER 27 Tr cont.**

2001 WDOK 102.1 OH Cleveland, legal ID, with  
 WDNL phased, which maybe wasn't necessary 470  
 2007 WZIM 92.3 OH Cleveland Hts, "Cleveland's  
 hit music station, Jammin' 92.3", WBGE phased with  
 WYCA mysteriously absent (phased too?) 480  
 2023 WICT 95.1 PA Grove City, WDZQ phased, k  
 briefly o/WMJI-IN, which I could have this one!  
 2036 WYXG 95.1 OH Mt.Gilead, NOTE 6 430



NOTE 1: (0505/Sept 11) In trying to track this down, I was sure it would turn out to be KCAY Russell, KS, but phone call to them resulted in being told their hours are 0600-2200 Central. Nothing else fits beside Mineral Wells, TX (no way!) and Portage, WI. Is it possible that KCAY had just gone all night and the receptionist didn't know? Would be a perfect "fit" for Tr at the time.

NOTE 2: (0317/Oct 6) "Red Herring" Alert! I originally had this logged at 2329 10/5. Only a savvy multi-band DXer is actually likely to fall for this. At that time, I heard "The Juice WJCE" between urban cuts. Of course that station is in Russellville, KY (programming to Clarksville, TN market) (and also trying to reach Nashville, I believe-ge) However, I immediately recognized these calls and slogan as belonging to AM 680 in Memphis. That AM has the same format as both KJMZ and WJCE 101.1 (i.e. all 3 are urban contemporary. Being used to the KY being WAKQ, I assumed that there was a new duopoly (triopoly? polyopoly?) in Memphis with the 680 there. Ralph Strobel quickly pointed out my error, giving me time to try for the "real" Memphis before all faded. I had never logged 101.1 Memphis from anywhere except Memphis before. What are the chances of such a bizarre coincidence? Russellville KY programmed from the Memphis 680?

NOTE 3: (0508/Oct 6) Would have been impossible without a good phase on KMXG-IA. If they stop the music this rarely, I'm lucky to even ID this at all! This may be the same opening when J. Tudenham in Joplin, MO (I think it was him) had Peshtigo, WI here - an awesome catch!

NOTE 4: (Oct 27) This is the first DX session with the phasing system working correctly! Also, it's the first DX session with the Tandberg tuner. It turns out that my previous phasing complaints (i.e., attenuation of most signals to less than noise threshold, and apparent poor directivity) were due to a BAD CABLE! Bad cables have given me so very much misery over the years. Previously, I could only surmise that it didn't seem to work properly, but I could not really know because the signal strength meter on the MR-78 is so non-specific. The Tandberg has a VOLTAGE meter, which is quite accurate and "continuous". I was able to determine that I was getting about 1/500 the voltage when hooked to the phasing system. No wonder things seemed attenuated! The MR-78 signal meter read "8" on both systems, but the magnitude of difference was immediately recognizable on the Tandberg, making diagnostics easy. I now note that I can phase MUCH easier, doing in 10-30 seconds a process what sometimes took 15 MINUTES using the McIntosh signal meter! I remember last year, when I initially had the phasing (and I think the cable was already faulty), that I spend nearly half an hour trying to phase WAAG 94.9 for WDKB; with the system fixed and on the Tandberg, I had WDKB in only 8 seconds of effort! I am currently not set up for any phasing on the McIntosh, but I feel I want that capability, where I'd do initial phasing on the Tandberg and then switch to the MR-78, because the overload and capture ratio are MUCH worse on the Tandberg. The voltage meter, though, makes phasing so much easier (and more spectacular) than the MR-78 - so much that the \$700 used case was worth it despite the overload/capture ratio disadvantages. Interestingly, certain overload, which involves ONE signal, is handled better on the Tandberg! For instance, with the antenna pointed NW towards WJEQ 102.7, the Tandberg seems to always get Iowans 103.3/103.9/104.3 which cannot be found on the McIntosh with WJEQ, which is 99.9+ % of the time.

*Frank Merrill's comments continue ...*

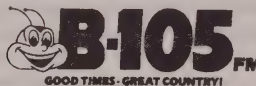
It also should be noted that the Bolin phase box makes it possible, during openings or even some instances of dead conditions, to hear DX with would otherwise be impossible. I have now easily heard 400 and 500 mile Tr through locals or semi-locals in the same direction. Mr. Bolin also steadfastly stands behind his product; after my previous complaint about attenuation and poor directivity, he read it and called me, at his expense, to emphasize that something certainly was hooked up improperly. With his help and some local help, the bad cable was diagnosed. This degree of "product support" is a rare commodity in this era! His phase box is highly recommended, but of course it requires TWO antennas, which may be impossible if you do not live in a "stand-alone" house.

NOTE 5: (1655/Oct 27) This is only my second Toledo logging ever. It is the hardest-to-hear major city at under 440 miles (Duluth, 442, is harder). Without a definitive ID, I recognized the slogan, and I was familiar with both businesses from having lived there until 1985. Weber's is one of the best restaurants ever.

NOTE 6: (2036/Oct 27) With a phone-in talk show about the arts. I called Ralph Strobel who paralleled this for me via 95.1 (very rare for him) and WVXU-91.7. The show originates from Cincinnati studios.

**MICHAEL LAROQUE - 40 PROSPECT ST. APT #9 - YARMOUTH, NOVA SCOTIA B5A 4J4****MAY 1996 DX****29 ES: DARTMOUTH, NOVA SCOTIA**

0841	WBGO	88.3	NJ Newark, ID, calls	
1348	WTEB	89.3	NC New Bern, c	1000
1402	WENS	97.1	IN Shelbyville	1215
1414	WSNY	94.7	OH Columbus	1140
1415	WEKU	88.9	KY Richmond, c	1135
1436	WGTZ	92.9	OH Eaton, r	1135
1442	WRNB	96.9	OH Troy, r	1135
1448	unID	105.1	?? (Mike, good chance this one was WUBE Cincinnati-gc)	



1452	WFIU	103.7	IN Bloomington, c	
1453	WQME	98.7	IN Anderson	1110
1456	WQSK?	98.7	?? news/talk (Mike, this one was probably WASK Battle Ground, IN-gc)	
1507	unID	88.3	?? gospel	
1509	WDPG	89.9	OH Greenville, classical	
1519	WZOQ	92.1	OH Wapakoneta	1180
1521	WVKS	92.5	OH Toledo, r	1100
1523	unID	92.5	?? 'Z 92.5'	
1530	WCSX	94.7	MI Birmingham	990
1531	CJXY	95.3	ON Hamilton, traffic	
1537	WDEK	92.5	IL DeKalb	1260
1539	WMBI	90.1	IL Chicago	1240
1541	WGVU	88.5	MI Allendale, jazz radio	
1546	WBCT	93.7	MI Grand Rapids, k,	1120
1548	WJJO	94.1	WI Watertown, ads	1280
1559	WUCX	90.1	MI Bay City, previous MS	
1600	WHSa	89.9	WI Brule, classical	
1615	WLJN	89.9	MI Traverse City, g	1130
1627	WNMU	90.1	MI Marquette, jazz	1260
1630	WGGL	91.1	MI Houghton, classical	1320
1634	CBON20	89.3	ON Thunder Bay	1370
1634	CJSD	94.3	ON Thunder Bay, 94FM	
1638	CBEB	89.7	ON Manitouwage, CBC	1200
1640	CBON	90.7	ON Wawa, FF	1050
1640	CBON	90.3	ON Hearst, FF	1000

**JUNE 1996 DX****10 TR: YARMOUTH, NOVA SCOTIA**

1812	WHQO	107.9	ME Skowhegan, m	200
1819	WMMDI	107.7	ME Bar Harbor, mr	110
1821	WAVX	106.9	ME Thomaston, c	
"Classical Wave"				
1823	WQCB	106.5	ME Brewer, k	149
1823	WMEM	106.1	ME Presque Isle, NPR	225
1826	CBAF2	105.7	NB Allardville, FF, weak	
1828	CKHJ	105.3	NB Frederickton, k,	150
1830	WTOS	105.1	ME Skowhegan, rp, good	200
1838	WDME	103.1	ME Dover-Doxcroft, sports	
1842	WBLM	102.9	ME Portland, rp	200
1846	WQSS	102.5	ME Camden, r, Coast 102.5	
1852	WGUY	102.1	ME Dexter, strong, ID	180
1912	WKIT	100.3	ME Brewer, Kit 100.3	
1914	CIOQ	100.1	NS Halifax, C-100	140
1917	WKZS	99.9	ME Auburn, r,	210
1920	CIRO	99.7	PQ St-Georges-de-Beauce	270
1942	WCYI	93.9	ME Lewiston, pr, fair	209
1942	WCYY	94.3	ME Biddeford, pr, fair	
1943	CJMF	93.3	PQ Quebec City, FF, good	
1958	CBV	95.3	PQ Quebec City	325
2008	WSHQ	92.9	ME Bangor	150
2022	WSYY	94.9	ME Millinocket,	
North Country 95				
2022	WHOM	94.9	NH Mt. Washington	240
2027	WBPW	96.9	ME Presque Isle, strong	122
2027	WWBX	97.1	ME Bangor, 97X	150
2028	CBAA	97.9	NB Allardville, fair	
2031	CHIK	98.9	PQ Quebec City, FF	325
2057	CFQR	92.5	PQ Montreal, fair	380
2059	CKMF	94.3	PQ Montreal	380
2105	CKLE	92.9	NB Bathurst, FF	270
2113	CJBR	89.5	PQ Riviere-du-Loup, FF	320
2135	WMEA	90.1	ME Portland, c	223
2137	CBHA	90.5	NS Halifax, talk, fair	140
2151	WCME	96.7	ME Boothbay Harbor	
The Golden Eagle				
2157	CJFM	95.9	PQ Montreal, concert info	380
2200	unID	90.7	?? classical	

## Mike LaRoque's report continues ...

## JUNE 1996 DX CONT

## 10 TR

2217	WMEH	90.9	ME Bangor, c	150
2217	WHCF	88.5	ME Bangor, g, very strong	
2213	WBQQ	99.3	ME Kennebunk, c,	205

## 11 Tr/ES (2107-2320)

1834	WXRv	92.5	MA Haverhill, The River, m	270
1852	WCLZ	98.9	ME Brunswick	
1900	WMQM	103.3	ME Rockland, k	155
1902	WAVX	106.9	ME Thomaston, c nx	
1847	WWMB	96.3	ME Rumford, g, over CJLS	
1849	WCSO	97.9	ME Portland, ID, r	
2002	WHQO	107.9	ME Skowhegan	
2002	WXKS	107.9	MA Medford, Kiss 108, r	
2004	WFGC	107.5	MA Chatham, c	250
2009	WBCI	105.9	ME Bath, g	180
2018	WWFX	104.7	ME Belfast, r, strong	
2034	CFRQ	104.3	NS Dartmouth, strong	140
2041	WGIR	101.1	NH Manchester, fair	275
2046	WZLX	100.7	MA Boston, fair, r	270
2100	WEVO	89.1	NH Concord, NPR wx	280
2107	unID	91.1	?? Life FM (Es begins)	
2112	unID	88.1	?? religious program	
2112	unID	88.3	?? same program as above	
2123	WKGR	98.7	FL Ft. Pierce, The Gator	
2130	WLPJ	91.5	FL N. Port Richey, g	
2132	WYFO	91.9	FL Lakeland, gospel	
2142	WAYG	89.1	FL Sarasota, g	1500
2142	WAYJ	88.7	FL Ft. Myers	1510
2144	unID	94.7	?? "Y 94.7"	
2200	unID	106.7	?? dance music	
2218	WMFE	90.7	FL Orlando, classical	1385
2226	WXLP	96.9	IL Moline, 97X	1240
2232	WJIS	88.1	FL Bradenton, Joy 88	1495
2239	WQOK	93.7	FL Ocala, K-Country 93.7	
ment. N. Central Fla. (Mike, these are the calls-gc)				
2241	WGYL	93.7	FL Vero Beach	1410
2247	WBMX	98.5	MA Boston, weak	270
2300	WQHF	96.1	ME Presque Isle, r	225
2317	WZOU	94.5	MA Boston, r, good	270
2327	WBOS	92.9	MA Brookline	270
2333	WOKQ	97.5	NH Dover, k	250
2336	WERZ	107.1	NH Exeter, r,	255
2338	WMJX	106.7	MA Boston, m Magic 106	270
2341	CBAF2	105.7	NB Allardville, FF	
2346	WBCN	104.1	MA Boston, ID, BCN	270
2354	CIEC	96.5	NS Halifax, mr, strong	140

## JUNE 12 Tr/Es

0023	WTHT	107.5	ME Lewiston, k	209
0024	WPKM	106.3	ME Scarborough, clas.	
0037	WMEM	106.1	ME Presque Isle, Echoes, good	
0043	WSNE	93.3	MA Taunton	290
0142	unID	88.7	?? classical, Es again!	
0145	unID	91.1	?? classical	
0149	WGTZ	92.9	OH Eaton, r	995
0205	CJBX	92.7	ON London, BX93, k, ID	
0209	WHYT	96.3	MI Detroit	
0212	WLAV	96.9	MI Grand Rapids, ID	
0219	CJBC4	99.3	ON London, FF, c	
0228	WKQI	95.5	MI Detroit, Q95	
0228	CIMX	88.7	ON Windsor, new rock 89X	
0230	WBUR	90.9	MA Boston, interview	
0159	CBNC	88.7	NF Stephenville, nx, ES	
1215	CBNF	89.1	NF Bonne Bay, EE, Es	
1220	WNIN	88.3	IN Evansville, c calls	
1227	CKOZ	92.3	NF Corner Brook, OZ FM	
1228	CHOZ	94.7	NF St. John's, Oz FM	
1230	CBYP	89.5	NF Portland Creek, nx, Es	
1235	CIRO	99.7	PQ St-Georges-de-Beauce	
1250	WZMO	93.3	?? mono	
1250	CBNM	90.3	NF Marystown, talk	
1255	WMSJ	91.9	ME Harpswell, g, good	195
1935	CBMB	91.7	PQ Sherbrooke, EE	300
1939	CJMF	93.3	PQ Quebec City, Weak	325
1959	WZPK	103.7	NH Berlin, r, good	260
2007	CJBR	89.5	PQ Riviere-du-Loup	320
2032	WEGQ	93.7	MA Lawrence, Eagle 93.7	270
2045	WHSN	89.3	ME Bangor, 140 watts	150
2053	WMME	92.3	ME Augusta, 92 Moose	190
2224	WMEW	91.3	ME Waterville, c	185
2230	WHJY	94.1	RI Providence, rp	305
2249	CBF	100.7	PQ Montreal, c\$	380
2257	WKTT	99.3	ME Farmington, o	210
2211	unID	90.7	?? French in stereo	
2319	WHYR	95.9	ME Saco, dance	220
2327	WRGX	97.5	ME Madison, local ads	
oldies, good200				
2342	WFCC	107.5	MA Chatham, classical	260
2358	WYNZ	100.9	ME Westbrook, o. Oldies	100.9

## 13 TR/ES (1900-1930)

0045	WMGX	93.1	ME Portland, r	215
0055	WXGL	95.5	ME Topsham, o,	
mentioned 96.7				195
1809	CJMF	93.3	PQ Quebec City, mr	
good at times				325
1826	WABK	104.3	ME Gardiner, Oldies 104.3	190
1900	WMCU	89.7	FL Miami, gospel, ID	1510
1922	WAYF	88.1	FL W. Palm Beach, Way FM	
1927	WAYJ	88.7	FL Ft. Myers, Way FM	1510
1930	WPSM	91.1	FL Ft. Walton Beach, g	1490
1930	WJED	91.1	FL Dogwood Lakes Estates	
only 700 watts!				
2053	WQRC	99.9	MA Banstable, m	260

MIKE'S DX CONTINUES:



## Mike LaRoque's report continues ...

## JUNE 14 Tr

2225	CBI	105.1	NS	Sydney, CBC talk	340
2225	CBAF14	95.9	NS	Sydney, FF	340
2233	CBHB	106.7	NS	Mulgrave, CBC talk	265

## 15 Tr

1418	CJMF	93.3	PQ	Quebec City, FF	325
1549	CBF10	101.1	PQ	Sherbrooke, FF mono	305
1600	WGIR	101.1	NH	Manchester, r	275
1611	CJBR	89.5	PQ	Rivieres-du-Loup	320

## 16 Tr

1425	CKOI	96.9	PQ	Verdun, FF, r	380
15??	CITE	102.7	PQ	Sherbrooke, FF	305
15??	CBF10	101.1	PQ	Sherbrooke, FF CBC	305
1947	CBV	95.3	PQ	Quebec City, \$, talk FF	325

## 17 Tr

1446	CKOI	96.9	PQ	Verdun, r, FF	380
2300	WBCS	96.9	MA	Boston, k	270
2323	WCRB	102.5	MA	Waltham, classical	280
2330	WBCN	104.1	MA	Boston, rp, calls	
				local CIFA signed off	270
2333	WFCC	107.5	MA	Chatham, c, call	260

## 18 Es/Tr (0920-1132)

0931	WAYG	89.1	FL	Sarasota, Way FM	
1002	WRMB	89.3	FL	Boynton Beach, g	1460
1003	WAYF	88.1	FL	W. Palm Beach, g	
1009	WXEL	90.7	FL	W. Palm Beach, c	
1024	WCIE	91.1	FL	Lakeland, g, Life-FM	
1029	WSJT	94.1	FL	Lakeland, j, smooth jazz	
1052	WFLZ	93.3	FL	Tampa, r, calls	1450
1055	WYUU	92.5	FL	Safety Harbor, o, U92, wx	
1058	WOGK	93.7	FL	Ocala, k-country	1370
1103	WQYK	99.5	FL	St. Petersburg, k, calls	1400
1111	WHTQ	96.5	FL	Orlando, o, calls	1390
1119	WMFE	90.7	FL	Orlando, c, calls	1390
1337	WRRK	96.9	PA	Braddock, r,	760
2034	unID	90.7	??	FF in and out	

## 19 Tr

1718	WHEB	100.3	NH	Portsmouth, r	240
1720	WYNZ	100.9	ME	Westbrook, o, strong	
1727	WZLX	100.7	MA	Boston, r, 270	
1749	CBAF2	105.7	NB	Allardville, FF talk	
1753	WPKM	106.3	ME	Scarborough, c	207
1940	WERZ	107.1	NH	Exeter, r	

## 20 Tr

0039	WLKZ	104.9	NH	Wolfeboro, Oldies 105	
0230	WXLO	104.5	MA	Fitchburg,	
0334	WKPE	104.7	MA	Orleans, r	
0340	WBOQ	104.9	MA	Gloucester, c	250
0349	WCDQ	92.1	ME	Sanford, m	
1946	WJYY	105.5	NH	Concord, m	280
2028	WPNH	100.1	NH	Plymouth, r	282
2043	WLNH	98.3	NH	Laconia, r	275
2108	WVPR	89.5	VT	Windsor, Eye in the Sky wx	

**107.5**  
the end.

## 22 Tr

1600	WCXU	97.7	ME	Cariobou, m	230
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## 28 Tr

0130	WZLX	100.7	MA	Boston, r	
0149	WSNE	93.3	MA	Taunton, rm	
0209	WHJY	94.1	RI	Providence, pr	
0344	WBRU	95.5	RI	Providence	
0349	WCAV	97.7	MA	Brockton, k	
0354	WCRB	102.5	MA	Waltham, c	
0414	WATD	95.9	MA	Marshfield, blues	
0438	WHRB	95.3	MA	Cambridge, ID, rp	
0450	WJFD	97.3	MA	New Bedford, ethnic	
0450	WOKQ	97.5	NH	Dover, k	
0502	WBOQ	104.9	MA	Gloucester, c	
0506	WQRC	99.9	MA	Barnstable, nx, wx	
0512	WCIB	101.9	MA	Falmouth, Cool 102	
0539	WWLI	105.1	RI	Providence, m. Lite 105	
0542	WPLM	99.1	MA	Plymouth, smooth jazz	
0549	WDGE	99.7	RI	Wakefield, alternative edge	
0551	WXKS	107.9	MA	Medford, dance, Kiss 108	
0554	WMJX	106.7	MA	Boston, rm	
0558	WWKX	106.3	RI	Woonsocket, dance	
0604	WGBH	89.7	MA	Boston, jazz	
0609	WSRS	96.1	MA	Worcester, m, calls	
0650	WFNX	101.7	MA	Lynn, r	
1552	WFCC	107.5	MA	Chatham, c	
1736	WCTK	98.1	MA	New Bedford, k	

## 30 Tr

0144	WCDQ	92.1	ME	Sanford	
0149	WMAS	94.7	MA	Springfield, m	
0158	WRED	95.9	ME	Saco, dance	
0203	WCQL	95.3	ME	York Ctr, o, calls	
0219	WSRS	96.1	MA	Worcester, m, calls	
0223	WIGY	97.5	ME	Madison, o	
0228	WYNZ	100.9	ME	Westbrook	
0626	WSMU	91.1	MA	N. Dartmouth	
0628	unID	91.5	??	mx, v. weak, NPR news	
0630	unID	90.3	??	open carrier	
0640	WBRU	95.5	RI	Providence, r	
0644	WJFD	97.3	MA	New Bedford, ethnic	
0721	WWRX	103.7	RI	Westerly, r	
0732	WPRO	92.3	RI	Providence,	
0820	WNPR	89.1	CT	Norwich, c\$, tent	340
0840	WQGN	105.5	CT	Groton, r, ment car dealership in New London	
0906	WBBB	101.5	RI	Providence, strong	
0934	WJYY	105.5	NH	Concord, r	
0933	WXBB	105.3	ME	Kittery	
0941	WEVO	89.1	NH	Concord	280

**WHEB FM100**  
THE HEART OF ROCK 'N' ROLL

MIKE'S DX CONTINUES:

## Mike LaRoque's report continues ...

## JULY 1996 DX

## 1 Es &amp; Tr (1715-2300)

0700	WVPR	89.5	VT	Windsor, c, nx	325
1720	WLRH	89.3	AL	Huntsville, NPR nx	1260
1728	WOCG	90.1	AL	Huntsville, g	1260
1734	WMSV	91.1	MS	Starkville, alternative (Mike, this is where this one is located-gc)	
1746	WAFR	88.3	MS	Tupelo, g	1390
1843	KTTS	94.7	MO	Springfield, local ads	1535
1852	KWFC	89.1	MO	Springfield,	
1855	KDHH	88.1	MO	St. Louis, blues, calls	1350
1906	unID	95.5	??	"I-95" rock (Mike, this one could have been WIXV in Savannah, GA-gc)	
1915	WAGP	88.7	SC	Beaufort, g	1125
1931	WJSP	88.1	GA	Warm Springs, Peach Tree Network	
1934	WPAR	88.1	NC	Hickory, g, calls	995
1949	WAYF	88.1	FL	W. Palm Beach, Way FM	
2012	WRMB	89.3	FL	Boynton Beach, g	1460
2044	WABE	90.1	GA	Atlanta, Peach Tree, c	1230
2050	WSVH	91.1	GA	Savannah, c	1160
2053	WWWZ	93.3	SC	Summerville, Z93	1075
2105	WSSB	90.3	SC	Orangeburg, slow jamming music	1017
21??	WNNX	99.7	GA	Atlanta, r, 99X, local ads	
2129	WAYS	99.1	GA	Macon, o, 99 Ways	1230
2136	WGST	105.7	GA	Canton,	1230
21??	WQSB	105.1	AL	Albertville, lcl ads, calls	
21??	WTXT	98.1	AL	Fayette, 98 TXT, k	
2154	WKXJ	97.3	TN	S. Pittsburg, local ad	
2207	WWTN	99.7	TN	Manchester, local ads	
2217	unID	106.9	??	Kicks 106.9 (Mike, maybe WKXD Monterey, TN-gc)	
2218	WUSY	100.7	TN	Cleveland, US101, k	
2224	WSM	95.5	TN	Nashville, k	1240
2225	unID	94.3	??	Z94, rm	
2231	WKNA	88.9	MS	Senatobia, c, ex	
2223	WKNO	91.1	TN	Memphis, c	1440
<b>2 Tr/Es (0650-0800)</b>					
0341	WMBR	88.1	MA	Cambridge	275
0349	WSRS	96.1	MA	Worcester, m	312
0353	WCTK	98.1	MA	New Bedford, k	
0400	WWBB	101.5	RI	Providence, B101	
0403	WFNX	101.7	MA	Lynn, alternative	
0406	WWLI	105.1	RI	Providence, Light 105	
0200	WLRH	89.3	AL	Huntsville, c	
0700	WMAE	89.5	MS	Boonville, c	
0714	unID	88.3	??	open carrier in stereo	
0719	WAFR	88.3	MS	Tupelo, gospel	
0741	unID	95.9	??	Country 95	
0743	WPLM	99.1	MA	Plymouth, jazz	
0745	unID	92.5	??	Country 92.5, mentioned E. Arkansas (KWWY Wynne, AR?-gc)	
0749	WKYQ	93.3	KY	Paducah, k, calls	
2023	WHRV	89.5	VA	Norfolk, alt., TROPO	
2044	WNOR	98.7	VA	Norfolk, rp FM 99	
2047	WYFI	99.7	VA	Norfolk, g, calls	
2050	WJCD	105.3	VA	Norfolk, wx, CD 105.3	725

## JULY 3 Tr

0344	WCOD	106.1	MA	Hyannis, m	
1755	CJMF	93.3	PQ	Quebec City	
1900	CBMB	91.7	PQ	Sherbrooke	
2044	CBF	100.7	PQ	Montreal	
2341	CHEY	94.7	PQ	Trois Rivières, m	
<b>4 Es (1725-1932)</b>					
1731	WMLJ	90.5	WV	Summersville, g	
1733	unID	92.9	??	k, K-93 (I bet this one was WVLK Lexington, KY-gc)	
1739	unID	96.9	??	Kiss FM, light rock (This may be WGKS Paris, KY, also near Lexington-gc)	
1800	CBE	89.9	ON	Windsor, c, calls	
1751	KFRB	99.9	??	k	
1753	WKKO	99.9	OH	Toledo, k	
1801	WRUL	97.3	IL	Carmi, k	
1816	WMXD	92.3	MI	Detroit, m	
1822	unID	93.7	??	ment. beautiful downtown Pontiac (WJEZ Pontiac, IL?-gc)	
1827	WMBI	90.1	IL	Chicago	
1831	WONU	89.7	IL	Kankakee, calls	
1835	WCFL	104.7	IL	Morris, calls	
1836	WKQX	101.1	IL	Chicago, Q101	
1841	WCYZ	100.5	??		
1843	WPNT	100.3	IL	Chicago	
1844	WNIC	100.3	MI	Dearborn, m, calls	
1850	WQCY	99.5	IL	Quincy, call, ment. Hannibal	
1857	KHTK	97.1	MO	Florissant, call, ment. St. Louis	
1914	WDJZ	93.7	??	(Mike, maybe this is WDJC in Birmingham, Ala.?-gc)	
1932	WNKJ	89.3	KY	Hopkinsville, g, calls	
<b>7 Es (1935-2220)</b>					
201?	WDQN	95.9	IL	DuQuoin, S. III ment.	
201?	WSTO	96.1	KY	Owensboro, r	
2022	WSNY	94.7	OH	Columbus, Sunny 95	
2023	WFBQ	94.7	IN	Indianapolis, local ads, r	
2025	WBUT	93.3	IN	Kendallville, k, calls	
2056	WMEE	97.3	IN	Ft. Wayne, r, calls	
2101	unID	93.1	??	Lite FM (WLTI Detroit?-gc)	
2101	WDTR	90.9	MI	Detroit	
2130	WIIL	95.1	WI	Kenosha, local ment	
213?	WMQA	95.9	WI	Minocqua	
2138	WCOM	98.3	WI	Park Falls, k, calls	
2138	WSTD	96.9	MI	Standish, road report, ID	
2141	WQON	100.3	MI	Grayling, ment. Kalkaska	
2158	KSJR	90.1	MN	Collegeville, calls, c	
2200	WNII	90.5	IL	Rockford, j	
2207	WLUM	88.7	IL	Chicago, only 100 watts	
2219	KIOA	93.3	IA	Des Moines, oldies	
22??	KTPR	91.1	IA	Ft. Dodge, wx on tape 1400	
230?	KLNE	88.7	NE	Lexington, wx for s. part of Nebraska, distance record (nice!-gc)	1760

**NEBRASKA  
PUBLIC RADIO  
NETWORK**

## Mike LaRoque's report continues ...

## JULY 8 Es (1300-1334)

1300	WJSP	88.1	GA	Warm Springs, c, nx
1305	WMBW	88.9	TN	Chattanooga, g mx
1309	WJTC	88.1	TN	Chattanooga, j, NPR
1311	WLRH	89.3	AL	Huntsville, c, wx
1334	WQPR	88.9	AL	Muscle Shoals, c

## 9 Es (1937-2004)

1937	WAYG	89.1	FL	Sarasota
1946	WGyl	93.7	FL	Vero Beach, rm
1951	WAYJ	88.7	FL	Ft. Myers, g
1953	WSQR	90.9	FL	Naples, g
1954	WZZR	92.7	FL	Stuart, pr
2000	WCLB	95.5	FL	Fort Pierce, calls
2004	WNCO	89.9	FL	Stuart, g

## 11 Es (1135-1238, 1520-2200)

1150	WUFT	89.1	FL	Gainesville, classical
1200	WYFU	90.5	FL	Gainesville, gospel
1208	unID	92.7	??	'The Fox', o
1238	WGSg	89.3	FL	Mayo, s. Gospel
1520	Es Back again!			
1530	WLRH	89.3	AL	Huntsville, c
1533	WJAB	90.9	AL	Huntsville
1607	WPLN	90.3	TN	Nashville
1621	WIGN	88.7	TN	Columbia, talk
1753	WBGL	91.7	IL	Champaign, on tape, g
1754	WDLm	89.3	IL	East Moline, g
1757	WNIU	89.3	IL	DeKalb, c, calls
1800	WVWV	89.9	WV	Wheeling?
1801	WONU	89.7	IL	Kankakee, g, calls
1806	unID	99.3	??	g, The Rock, Rock Radio Q99
1805	KMGO	98.7	IA	Centerville, k
1810	WONC	89.1	IL	Naperville, FM89
1812	KIOA	93.3	IA	Des Moines, o, calls
1815	WMBI	90.1	IL	Chicago
1821	WDCB	90.9	IL	Glen Ellyn, Big Bands
1827	KGGO	94.9	IA	Des Moines, calls
1832	WIBI	91.1	IL	Carlinville, g, calls
1836	KWFC	89.1	MO	Springfield, local ads
1840	KOPN	89.5	MO	Columbia, nx, calls
1846	WRMS	94.3	IL	Beardstown, k
1846	KATI	94.3	MO	California, Cat Country
	(Mike, this is the station you heard-gc)			
1848	WKXK	94.7	IL	Chicago, k, Kicks Country
1900	KSUI	91.7	IA	Iowa City, c
1903	KTUF	93.7	MO	Kirksville, K-Tuf
1908	KJJY	92.5	IA	Ankeny, k, calls
1919	KMCH	94.7	IA	Manchester, in depth weather
1924	KIAI	93.9	IA	Mason City, k
1931	unID	105.9	??	106 The Beach (Mike, KTLB in Twin Lakes, IA, uses that slogan-gc)
1938	KRNA	94.1	IA	Iowa City, r
1940	WOLX	94.9	WI	Baraboo
1947	KCZE	95.1	IA	New Hampton, r, wx
1951	KGLI	95.5	IA	Sioux City, local ads
1959	WMBW	88.9	TN	Chattanooga, g, calls
2027	WMIE	91.5	FL	Cocoa, g
2041	WHWC	88.3	WI	Menomonie, talk

## JULY 11 Es cont.

2043	KCRB	88.5	MN	Bemidji, c	1440
2053	WIRR	90.9	MN	Virginia, c, tornado warning	
2104	WFMY	96.9	MN	Grand Rapids, t. watch 1380	
2109	WEVE	97.9	MN	Eveleth, rm, tornado watch	
2110	WTBX	93.9	MN	Hibbing, r, calls	1350

## WTBX 94

2112	KAXE	91.7	MN	Grand Rapids, tornado watch	
2132	KXLP	93.1	MN	New Ulm, calls, concerts	
2129	KDAL	95.7	MN	Duluth, local ads	1300
2136	KSKK	94.7	MN	Staples, tornado watch	
2152	KBPB	90.7	MN	Brainerd, c, complete ID	
2200	KGAC	90.5	MN	St. Peter	
19??	KSLE	91.7	MN	Rochester, c	1220

## 12 Tr

2200	WMAS	94.7	MA	Springfield, mr, weak	360
2340	WEGQ	93.7	MA	Lawrence, mr	
2346	WOKQ	97.5	NH	Dover, k	260
2347	WBMX	98.5	MA	Boston, r	275
2354	WFNX	101.7	MA	Lynn, good, r	

## 13 Tr/Es

0005	WXKS	107.9	MA	Medford	
0019	WXLO	104.5	MA	Fitchburg r, good	
0031	WHRB	95.3	MA	Cambridge, r	
0035	WCQL	95.3	ME	York Cetner, o	
0035	WSRS	96.1	MA	Worcester, m	307
0047	WERZ	107.1	NH	Exeter, r	
0108	WVPR	89.5	VT	Windsor, c, weak	
0330	CIRO	99.7	PQ	St-George-de-Beauce	
0346	WEVD	89.1	NH	Concord, c, good	
0235	WAMC	90.3	NY	Albany, c, very weak	
1015	WMUU	94.5	SC	Greenville	
1022	unID	96.5	??	ment 102.5 IQ Radio	
	(Mike, this is WWIQ Gray, GA-gc)				
1040	WMEV	93.9	VA	Marion, k	
2037	WONC	89.1	IL	Naperville, r, calls	
2054	WKJQ	92.5	??	Michigan?	

## 14 Tr/Es

1400	CBSM	89.5	ON	Sault Ste Marie	
1408	C---	88.9	ON	Parry Sound, wx radio	
2120	WMVY	92.7	MA	Tisbury, mr	
2135	WXTK	94.9	MA	W.Yarmouth, talk	
2147	WCRB	102.5	MA	Waltham, classical	280
2151	WCTK	98.1	MA	New Bedford, ads	
2216	WFCC	107.5	MA	Chatham, c	250
2232	WWBB	101.5	RI	Providence, rm	310

## 15 Tr

0350	WFCC	107.5	MA	Chatham, c	250
0840	WZPK	103.7	NH	Berlin, r	260
0903	CBV	95.3	PQ	Quebec City, c	325
0932	CKOI	96.9	PQ	Verdun, news	380
1011	WATD	95.9	MA	Marshfield, wx	
1041	CIBM	107.1	PQ	Rivieres du Loup	325
1057	WHOU	100.1	ME	Houlton, m	
1100	WCXU	97.7	ME	Caribou, mr	

MIKE'S DX CONTINUES:

## Mike LaRoque's report continues ...

## JULY 18 Es cont.

1457	WSIE	88.7	IL	Edwardsville, j	
1503	KWMU	90.7	MO	St. Louis	
1548	KDHF	88.1	MO	St. Louis, calls	

## 19 Tr

0654	WEZO	93.5	ME	Fairfield, over CJLS (25 mi)	
0702	WVPR	89.5	VT	Windsor,	320
0708	WHJY	94.1	RI	Providence	310
0838	CJBR	89.5	PQ	Rivieres du Loup	325

## 24 Tr/Es

1829	CBF	100.7	PQ	Montreal, FF	380
2039	WMAS	94.7	MA	Springfield	260
2101	WKNJ	89.3	KY	Hopkinsville, g, calls	
2106	WCVK	90.7	KY	Bowling Green, g, calls	
2112	CBV	95.3	PQ	Quebec City, opera	325

## 25 Tr/Es

0420	WEVO	89.1	NH	Concord, c	280
0425	CBAF10	88.7	NS	New Glasgow	
0600	WVPR	89.5	VT	Windsor, c	320
1328	WXLO	104.5	MA	Fitchburg, r	305
1338	WFTN	94.1	NH	Franklin, r	280
1831	CBMB	91.7	PQ	Sherbrooke, CBC nx	300
1856	WKGC	90.7	FL	Panama City, c	
1941	WRZE	96.3	MA	Nantucket, The Rose, r	
2027	WMVY	92.7	MA	Tisbury, r, calls	
2110	WCCT	90.3	MA	Harwich, // WBUR	

## 26 Super Tr

0008	WPLM	99.1	MA	Plymouth, jazz	
0029	WSMU	91.1	MA	N. Dartmouth	
1735	CBCT	94.3	NS	Inverness, good	
1737	CBIC	107.1	NS	Cheticamp, good	
1745	CBAF15	88.1	PEI	Charlottetown, FF	
1747	CHLQ	93.1	PEI	Charlottetown	

# *and* **Magic93** *Great Life Rock Hits*

1751	CBAF	95.9	NS	Sydney, FF	340
1802	CBCT	96.1	PEI	Charlottetown	
1805	CKPE	94.9	NS	Sydney, k	340
1807	CBHB	106.7	NS	Musgrave, news	
1807	CBNM	90.3	NF	Marystown, wx	
1829	CBI	105.1	NS	Sydney	340
1948	CKOI	96.9	PQ	Verdun, weak	380

## 31 Tr/MS

0019	WVPR	89.5	VT	Windsor, c, IDs	320
0025	WFTN	94.1	NH	Franklin	282
0351	WCPN	90.3	OH	Cleveland, MS	815
1107	WVTF	89.1	VA	Roanoke, MS	865
1751	WJFD	97.3	MA	New Bedford, k	295
2250	CBF	100.7	PQ	Montreal	

## AUGUST 1996 DX

## 4 Tr/ES

1500	WZBC	90.3	MA	Newton, calls, weak	
1540	WCOD	106.1	MA	Hyannis, calls	
1648	WWLI	105.1	RI	Providence, mr	310
1720	WNIU	89.3	IL	DeKalb, c, calls	

## AUGUST 5 Tr

0035	WATB	103.9	MA	S. Yarmouth	
0054	WERI	99.3	RI	Block Island, calls	
0100	WXTK	94.9	MA	W. Yarmouth, talk	340
0104	WPXC	102.9	MA	Hyannis, Pixy 103	345
0121	WFHN	107.1	MA	Fairhaven, r	295
0118	WWRX	103.7	RI	Westerly, calls	
0131	WOMR	92.1	MA	Provincetown, strong	245

## 6 ES

1037	unID	89.1	??	ment. NW Arkansas	
1039	WNNA?	90.1	??		
1042	WRVU	91.1	TN	Nashville, r	1230
1056	KCLC	89.1	MO	St. Charles, calls	1340
1058	KUMR	88.5	MO	Rolla, calls	1435
1103	WIL	92.3	MO	St. Louis, local ads	
1110	WNIN	88.3	IN	Evansville, c	1210

## 9 SUPER Tr

0236	WNYC	93.9	NY	New York, c, new state	460
0243	WAYV	95.1	NJ	Atlantic City, r,	
			new state		535
0255	WFME	94.7	NJ	Newark, g, Family R.	470
0259	WFGP	96.9	NJ	Atlantic City, rm	535
0300	WKKL	90.7	MA	W. Barnstable	265
0317	WNPR	89.1	CT	Norwich, c, IDs	350
0331	WHCN	105.9	CT	Hartford, HCN, r,	365
0338	WTTN	105.5	NJ	Cape May C.H.,	560
0342	WZSK	103.5	DE	Bethany Beach 103.5 The Shark (Mike, this is who you heard-gc)	
0346	WDGE	99.7	RI	Wakefield, pr	325
0353	WRDR	104.9	NJ	Egg Harbor, calls	535
0357	WYVZ	92.5	CT	Waterbury, Country 92.5	
0403	WPRO	92.3	RI	Providence, r, call, strong	
0403	WOBM	92.7	NJ	Toms River, calls	500
1601	WICN	90.5	MA	Worcester, jazz	
1930	CISM	89.3	PQ	Montreal, nx, weak	380

## 16 Super Tropo

2027	WDGE	99.7	RI	Wakefield	345
2128	WNHW	92.5	NC	Nags Head, k	
2148	WYND	97.1	NC	Hatteras, k (nice!-gc)	805

## 17 Super Tr cont

0026	WVOD	99.1	NC	Manteo, mr	765
359	WYFI	99.7	VA	Norfolk, gospel	
0434	WNOR	98.7	VA	Norfolk, rp, FM 99	
0438	WWDE	101.3	VA	Hampton, rm, call	

## 23 Super Tr

2240	CFIX	96.9	PQ	Chicoutimi, r, strong	
2247	CJAB	94.5	PQ	Chicoutimi, mr	
2258	CBV	95.3	PQ	Quebec City, nx	
2308	CBF10	101.1	PQ	Sherbrooke	300

## 24 Super Tr

0017	CBOF	90.7	ON	Ottawa, c, weak	
0017	CBO	91.5	ON	Ottawa, c	

# **KCAL 96.7**

## Mike LaRoque's report continues ...

## AUGUST 30 Super Tr

0814	WBRU	95.5	RI	Providence	305
0821	WZMX	93.7	CT	Hartford	360
0838	WDRC	102.9	CT	Hartford, o	360
0844	WHCN	105.9	CT	Hartford, pr	360
0859	WWYZ	92.5	CT	Waterbury	
0919	WKCI	101.3	CT	Hamden	
0935	WRZE	96.3	MA	Nantucket	
1036	WNPR	89.1	CT	Norwich	
1042	WALK	97.5	NY	Patchogue	
1050	WTIC	96.5	CT	Hartford	
1056	WRCH	100.5	CT	New Britain, Lite 100.5	
1106	WMVY	92.7	MA	Tisbury, rm	
1113	WFME	94.7	NJ	Newark, g	
1136	WAQY	102.1	MA	Springfield, r	
1337	WAYV	95.1	NJ	Atlantic City, r	
1356	WPJB	102.7	RI	Narrangasset, g	
1457	WRIU	90.3	RI	Kingston, pr	
1524	WCBS	101.1	NY	New York, o	
1614	WQVR	100.1	MA	Southbridge, k	
1621	WNYC	93.9	NY	New York, c	
1633	WKTU	103.5	NY	Lake Success, dr	
1642	WSCL	89.5	MD	Salisbury, c	
1700	WHUS	91.7	CT	Storrs, football game	
1724	WRKS	98.7	NY	New York, d	460
1755	WDAS	105.3	PA	Philadelphia, d	535
1813	WPKN	89.5	CT	Bridgeport, Spanish	
1828	WPFW	89.3	DC	Washington, j	
1849	WBMW	106.5	CT	Ledyard	
1857	unID	93.1	??	Spanish, then English (Mike, probably WPAT Paterson NJ-gc)	
1944	WMJC	94.3	NY	Smithtown	
1947	WKSS	95.7	CT	Hartford	
2000	WILI	98.3	CT	Wilimantic	
2020	WWKX	106.3	RI	Woonsocket	
2049	WGAO	88.3	MA	Franklin	
2103	WYFI	99.7	VA	Norfolk	725
2108	WNOR	98.7	VA	Norfolk	725
2116	WNVZ	104.5	VA	Norfolk	725
2120	WDAS	105.3	PA	now much stronger	

## SEPTEMBER 1996 DX

## 1 Super Tr

0??	WTWI	101.7	??	(WKWI Kilimarnock, VA?-gc)	
0342	WZXL	100.7	NJ	Wildwood, rp	
0417	WFPG	96.9	NJ	Atlantic City, mr	535
0420	unID	97.3	??	traffic "New Jersey 101.5" (Mike, this is WBSS Millville, NJ-gc)	
0847	WEBS	107.9	CT	Westport, rm	
0902	WLTW	106.7	NY	New York, wx, calls	
0913	WGAY	99.5	DC	Washington	670
0917	WBAI	99.5	NY	New York, opera, calls	
0922	WSKQ	97.9	NY	New York, Spanish	460
0924	WOGL	98.1	PA	Philadelphia, o, ads	535
0930	WRKS	98.7	NY	New York, gospel program	
0944	WNEW	102.7	NY	New York, rp calls	460
1011	WKTU	103.5	NY	Lake Success, d	
1107	WQGN	105.5	CT	Groton, Q105, r	



## SEPT 1 Super Tr cont

1112	WWMX	106.5	MD	Baltimore, Mix 106.5	
1138	WXYV	102.7	MD	Baltimore, s, V103	
1148	WQXR	96.3	NY	New York, c, calls	460
122?	WQHT	97.1	NY	New York, Hot 97	460
1250	WYBC	94.3	CT	New Haven	
1346	WSHU	91.1	CT	Fairfield, c, calls	
1356	WNHU	88.7	CT	New Haven, calls	
1400	WPKT	90.5	CT	Bridgeport, c, calls	
1431	WEZN	99.9	CT	Bridgeport	412
1432	WPKN	89.5	CT	Bridgeport	412
1617	WHCN	105.9	CT	Hartford, rp	360
1619	WECR	88.5	MA	Amherst	
172?	unID	96.5	??	The Fox (Beford, NH-gc)	
1953	WCNH	93.3	NH	Belmont	
2309	CBOF	90.7	ON	Ottawa, weak in and out	
2053	WVPR	89.5	VT	Windsor	325
2138	WAYV	95.1	NJ	Atlantic City, great signal	
2130	WTEB	89.3	NC	New Bern, c, fair (Nice catch, Mike!-gc)	830
2229	WRDR	104.9	NJ	Egg Harbor City, calls	
213?	WNOR	98.7	VA	Norfolk, weak	725
213?	WYFI	99.7	VA	Norfolk, weak	725

## 2 Super Tr

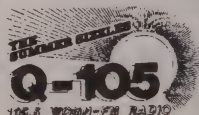
1826	WHJY	94.1	RI	Providence	305
1831	WMAS	94.7	MA	Springfield	
1853	WSHU	91.1	CT	Fairfield	
1855	WBES	101.1	PA	Philadelphia	
1856	WCBS	101.1	NY	New York	
1900	WPKN	89.5	CT	Bridgeport	
2300	WFME	94.7	NJ	Newark	
2347	WRKS	98.7	NY	New York	
2359	WNEW	102.7	NY	New York	

## 8 Tr

0001	WKTU	103.5	NYU	Lake Success	
0022	WHOB	106.3	NH	Nashua, r	
0027	WATD	95.9	MA	Marshfield	
0104	WPKN	89.5	CT	Bridgeport, jazz	412
0155	WWLI	105.1	RI	Providence, r, calls	
1518	WTBM	100.7	ME	Mexico, news	230
1556	WJAN	95.1	VT	Sunderland, k	360

## 21 Tr

0835	CFIX	96.9	PQ	Chicoutimi	400
0835	CHOC	92.5	PQ	Jonquiere	400
0841	CIBM	107.1	PQ	Rivieres du Loup	325
0845	CJMF	93.3	PQ	Quebec City	325



RALPH STROBEL - 106 E. DAVIDSON STREET - MUNCIE, INDIANA 47303

Equipment: McIntosh MR-78 FM Tuner with two CM Stereo Probe 9 antennas and rotors at 36 and 38 feet above ground separated at 23 feet, with use of Bolin phase box.  
All stations in \$ unless noted mono. \*Denotes use of phase box.

THE STATE OF DELAWARE FINALLY HEARD AFTER TWENTY FOUR YEARS OF DXING!

May 1996 (CDT)		24 Es	
10 ms		1808 KGNZ	88.1 TX Abilene, g, wx 961
?? KBHP 101.1 MN Bemidji	692	1819 KENW	89.5 NM Portales, psa 1072
13 ms		1906 KUWR	91.1 WY Laramie, nx 1060
?? KOSI 101.1 CO Denver	1040	1911 KCSE	103.1 TX Ballinger, o 1002
17 ms		2001 KLUX	89.5 TX Robstown, b 1109
0502 KRMD 101.1 LA Shreveport	706	27 Es	
18 tr		1938 WAYG	89.1 FL Sarasota, gr 902
0331*W201AK 88.1 OH Columbus, g,	127	2024 WBVM	90.5 FL Tampa, g 862
CDR Radio, ment. Columbus in wx		2050 WSJT	94.1 FL Lakeland, sm. j 861
(o/WQRP 88.1 OH West Carrollton)	70	28 Es	
0431*WJJG 104.5 KY Lexington,	155	2213 WKXE	95.3 VT White River
testing w/cat xmas songs, now WLKT			Junction, ads
(o/WGRL 104.5 IN Indy)	50	2223 WHOM	94.9 NH Mt. Wash., mr 777
0530 WSMC 90.5 TN Collegedale-	354	2230 WHCF	88.5 ME Bangor, wx 904
ex-90.7 Chattanooga, g		29 Es	
19 tr		1044 CHLO	93.1 PE Charlottetown, wx 1196
0203*WDHR 93.1 KY Pikeville, k	231	1100 CHFX	101.9 NS Halifax, k 1153
ex-92.1		1105 CBH	102.7 NS Halifax nx 1153
(o/WNAP 93.1 IN Indy)	50	1300 CBAF-5	92.3 NS Halifax, t mono 1153
20 tr		1314 CJMO	103.1 NB Moncton, op 1116
0100 WVKM 106.7 WV Matewan-Williamson-	248	1322 CFQM	103.9 NB Moncton, k 1116
Logan-Pikeville KY-Grundy VA, rp		1328 WQDY	92.7 ME Calais, ad 982
0200 WYNY 106.7 GA Gainesville-	415	31 Es	
Atlanta, k		1400 WPRK	91.5 FL Winter Park, mono 833
21 Es		1415 WEAZ	88.3 FL Union Park-
1143 KONO 101.1 TX Fredericksburg, o	1023		Orlando, g 841
1146 XHMZI 91.1 CL Monclova, 1, SS,	1302	June 1996	
"La Grande de Coahuila"		2 Es	
1220 WMCU 89.7 FL Miami, g	1040	1700 WJFP	91.1 FL Fort Pierce, e 926
1400 WFIT 89.5 FL Melbourne, j	879	1710*WRMF	97.9 FL Palm Beaches, r 981
22 Es		(o/WXXP 97.9 IN Anderson)	16
1022 KHOY 88.1 TX Laredo, b	1193	1715 (All Miami to top of band).	1040
23 Es		3 tr	
1130 KLYT 88.3 NM Albuquerque, g	1217	0300 WGBL	99.1 KY Benton, o 283
1141 KCWC 88.1 WY Riverton, j	1204	6 Es	
1200 KCMi 96.9 NE Terrytown-	964	1418 WAYG	89.1 FL Sarasota, gr 902
Scottsbluff-Gering, g		1419 WJIS	88.1 FL Bradenton, g 892
1207 KIQZ 92.7 WY Rawlins, k	1145	1441 WSRX	89.5 FL Naples, gr 993
1210 KNEB 94.1 NE Scottsbluff, k	960	7 ms	
1300 KWBI 91.1 CO Morrison-Denver, g	1047	?? WAYF	88.1 FL W Palm Beach 980
1845 WJIS 88.1 FL Bradenton, g	892	8 ms	
1859 WMCU 89.7 FL Miami, g	1040	?? WAYF	88.1 FL W Palm Beach 980
1905 WJFP 91.1 FL Fort Pierce, s	926	8 Es	
(heard on car radio!)		1129 KLUX	89.5 TX Robstown, b 1109
1920 WEAZ 88.3 FL Union Park-	841	1137 KKBA	92.7 TX Kingsville, mr, 1131
gr Orlando's "Z-88.3"		"Bay-FM"	
24 Es		1144 KPLV	93.3 TX Port Lavaca, k 1025
1718 KRIO 94.1 TX Floresville-SAT,	1054	1152 XHMZI	91.1 CL Monclova, 1, SS 1302
tejano		1154 KJBZ	92.7 TX Laredo, 1 1193
1719 KHOY 88.1 TX Laredo, b	1193	1159 KQTX	101.9 TX SAT, r 1050
1724 XHMZI 91.1 CL Monclova, 1, SS	1302	1200 KVVG	95.3 TX Pearsall, nx 1104
1727 KROM 92.9 TX SAT, 1, SS	1050	1205 KAJZ	93.3 TX Killeen, sm. j 934
1730 KSTX 89.1 TX SAT, nx	1050	1207 KONO	101.1 TX Fredericksburg, o 1023
1730 KOEM 88.5 TX Mesquite, nx	807	1214 KOOV	103.1 TX Copperas Cove, k 941
1745 KAJZ 93.3 TX Killeen, sm. j	934		"K-double OV"
1749 KRNH 95.1 TX Comfort, k	1037	1227 KDCD	92.9 TX San Angelo, k 1036
1800 KINL 92.7 TX Eagle Pass, k	1170	9 Es	
		1829 XHMZI	91.1 CL Monclova, SS 1302

## 9 Es (June cont'd)

1928 KETR	88.9	TX	Commerce, r	754	1105 WAVV	101.1	FL	Marco, wx	1009
1935 KDCD	92.9	TX	San Angelo, k	1036	1113 WGGD	95.1	FL	Melbourne, o,	879
1959 WYFO	91.9	FL	Lakeland, g	861	ex-102.3 "Gold One," ads				
2000 WNCU	89.7	FL	Miami, g	1040	1130 WSEB	91.3	FL	Englewood, g	942
2005*WOSN	97.1	FL	Indian River Shores	910	1131 WMMO	98.9	FL	Orlando, r	837
(testing w/ocean sounds and legal ID)					1135 WGUW	98.9	FL	Marco, sm. j	1009
(o/WENS	97.1	IN	Shelbyville-Indy)	50	ex-92.7 "The Gulf"				
2023 WUCF	89.9	FL	Orlando, j	837	1137 WFKZ	103.1	FL	Plantation Key	1122
10 ms					1142 WWGR	101.9	FL	Fort Myers, ads	959
?? WAYF	88.1	FL	W Palm Beach	980	1150 WRXK	96.1	FL	Bonita Springs, r	978
?? WJIS	88.1	FL	Bradenton, SID	892	1152 WARO	94.5	FL	Naples, o	993
10 Es					1200*WGMX	94.3	FL	Marathon, r	1098
1026 KCWC	88.1	WY	Riverton, j	1204	(o/WRGR	94.3	IN	Rushville)	39
1100 KUWZ	90.5	WY	Rock Springs-Green River, c	1249	1206 WKKB	103.9	FL	Cape Coral, r	963
					ex-103.7				
1108 KRAI	93.7	CO	Craig, r	1167	1208 WVIJ	91.7	FL	Port Charlotte, g	931
1118 KRCL	90.9	UT	Salt Lake, psa	1393	1214 WJBX	99.3	FL	Fort Myers Beh, op	969
1353 KQSW	96.5	WY	Rock Springs, k	1249	1219*WAIL	99.5	FL	Key West, rp	1100
11 Es					(o/WZPL	99.5	IN	Greenfield-Indy)	50
1643 KSBj	89.3	TX	Humble, g	898	1240 WOLZ	95.3	FL	Fort Myers, o	959
1645 KVMV	96.9	TX	McAllen, g	1219	1245 WWRM	94.9	FL	Tampa, gr	862
1650 KTJN	106.3	TX	Mercedes, l, psa	1211	1305 WSRX	89.5	FL	Naples, r	993
			"Tejano-106"		1534 XHMZI	91.1	CL	Monclova, l, SS	1302
1705 KVPA	101.1	TX	Port Isabel-South Padre Island, op, psa	1192	1538 KEOM	88.5	TX	Mesquite, r	807
1727 KMML	96.9	TX	Amarillo, ads	962	1539 KIXV	95.3	TX	Brady, r	1002
1730 KWBI	91.1	CO	Morrison, wx	1047	1546 KGNZ	88.1	TX	Abilene, g	961
1740 KPKE	96.5	CO	Evergreen, r	1052	1600 KDCD	92.9	TX	San Angelo, k	1036
1750 KOSI	101.1	CO	Denver, mr	1040	19 Es				
1752 KTZA	92.9	NM	Artesia, k	1171	1849 WJIS	88.1	FL	Bradenton, g	892
1755 KTUN	101.5	CO	Eagle, ad	1137	20 Es				
1807 KIXV	95.3	TX	Brady, rm	1002	0913 KONO	101.1	TX	Fredericksburg, o	1023
1815 KBIM	94.9	NM	Roswell, rm	1159	0921 KOYE	94.9	TX	Laredo, ad	1193
1823 KZOR	94.1	NM	Hobbs, r	1114	0923 KNFM	92.3	TX	Midland, k	1090
1840 KJYE	92.3	CO	Grand Junction, b	1235	0937 KDCD	92.9	TX	San Angelo, k	1036
1842 KEKB	99.9	CO	Fruita, k	1244	0947 KGNZ	88.1	TX	San Angelo, g	1036
15 tr					21 tr				
2325 WDKR	107.3	IL	Maroa-Decatur, r	189	0200*WZTY	103.7	MI	Hartford-South	145
17 Es					(//WYTZ	97.5		Haven, k	
0908 KTCC	91.9	KS	Colby, r, "T-92"	833	(o/WHZR	103.7	IN	Royal Center)	75
0909 KRCC	91.5	CO	CO Springs, j	1040	22 tr				
0913 K202BF	88.3	KS	Bellaire, g	725	0000*KMUV	89.1	KS	Wichita, s/off	665
(KROA 95.7 ID)					(o/WBNI	89.1	IN	Fort Wayne)	62
0916 KWBI	91.1	CO	Morrison, g	1047	28 tr				
0918 KCCY	96.9	CO	Pueblo, k	1038	0333 WSMV	91.1	MS	Starkville, r,	501
0920 KOSI	101.1	CO	Denver, wx	1040	Previous Es				
0950 KBRB	92.7	NE	Ainsworth, k, wx	769	28 Es				
1005 KRNE	91.5	NE	Merriman, c	865	1202 KJRT	88.3	TX	Amarillo, g	962
1028 KBHE	89.3	SD	Rapid City, c	953	1213 KGNZ	88.1	TX	Abilene, g	961
1835 KNTU	88.1	TX	Denton, j	808	1215 KENW	89.5	NM	Portales, b	1072
1844 KNIN	92.9	TX	Wichita Falls, r	844	1216 KQAY	92.7	NM	Tucumcari, r	1062
1859 KEDT	90.3	TX	Corpus Christi, c	1098	1240 KNTU	88.1	TX	Denton, j	808
1900 KLDN	88.9	TX	Lufkin, c	805	1308 KNMI	88.9	NM	Farmington-Aztec-Bloomfield-Blanco, g	1257
1903 KACC	89.7	TX	Alvin, rap	931	1325 KETR	88.9	TX	Commerce, r	754
1923 KTSC	89.5	CO	Pueblo, p	1038	30 tr				
18 Es					0140*WRVI	94.7	IN	New Albany-	132
1028 WINK	96.9	FL	Fort Myers, ad	959	"The River"		KY	Louisville, op	
1030 WSLG	103.1	FL	Naples, r	993	(o/WFBQ	94.7	IN	Indy)	50
1035 WKLG	102.1	FL	Rock Harbor, r	1136	July 1996				
1048 WAYF	88.1	FL	W Palm Beach, gr	980	1 Es				
1048 WAYG	89.1	FL	Sarasota, gr	902	1605 WAYF	88.1	FL	W Palm Beach, gr	980
1053 WFSN	100.1	FL	Port Charlotte, k	931	1606 WJIS	88.1	FL	Bradenton, g	892
1055 WBGG	105.9	FL	Fort Lauderdale-	1018	1613 WJFP	91.1	FL	Fort Pierce, rap	926
"Big-106"			Miami-The Palm Beaches, op		1623 WZZR	92.7	FL	Stuart, traffic	944
1058 WOSN	97.1	FL	Indian River Shores, mr	910	1630*WKRY	93.5	FL	Key West, ads	1100
					(o/WWWO	93.5	IN	Hartford City)	18
1100 WFLM	104.7	FL	White City, sr	938	1638 WAFB	106.3	FL	Clewiston, k, ad	963
1103 WDUV	103.5	FL	Bradenton, r	892	1647 WPKZ	103.1	FL	Plantation Key,	1122
ex-103.3					ads				

- continued -

2 Es (July cont'd)				21 tr			
1225	WYF	88.1	FL W Palm Beach, gr	980	0233	WPSK	107.1 VA Pulaski, k 329
1229	WJFP	91.1	FL Fort Pierce, s	926	0301	WMLJ	90.5 WV Summersville, 276
1240	WLRN	91.3	FL Miami, g	1040			g mono
1250	WKIS	99.9	FL Boca Raton-Miami, 1004	0600	*WKJL	88.1	WV Clarksburg, g 275
			k, "Kiss Country"		(#65 on	88.1	my best frequency)
					(o/WQRP	88.1	OH West Carrollton) 70
7 Es					0911	*WXML	90.1 OH Upper Sandusky, g 119
1852	CFRQ	104.3	NS Halifax, r	1153	(o/WFYI	90.1	IN Indy) 50
1900	*CIOO	100.1	NS Halifax, mr	1153			
	(o/WNUY	100.1	IN Bluffton)	39	24 ms		
1901	CHFX	101.9	NS Halifax, k	1153	0624	KNTU	88.1 TX Denton 808
1907	CKWM	97.7	NS Kentville, blues, 1114		28 ms		
	(Nova Scotia's blues station, "Magic-97")				0630	KETR	88.9 TX Commerce 754
1922	CFQM	103.9	NB Moncton, r	1116	31 ms		
8 Es					0443	KETR	88.9 TX Commerce 754
1941	KHOY	88.1	TX Laredo, l, SS	1193	0604	KETR	88.9 TX Commerce 754
10 Es					0721	KLDN	88.9 TX Lufkin, 805
1058	KQDY	94.5	ND Bismarck, k	879			Previous Es
1100	KCCD	90.3	MN Moorhead-	730	August 1996		
			ND Fargo, t mono		2 trs		
1103	KQAA	94.9	SD Aberdeen, o	758			
1105	KDLO	96.9	SD Watertown, k,	608			
			Previous tr				
1109	KZZY	103.5	ND Devils Lake, k	861			
1117	KBQQ	99.9	ND Minot, ads	965			
1119	KDSR	101.1	ND Williston, ads	1058			
1127	KSJZ	93.3	ND Jamestown, op	813			
1132	*KYYX	97.1	ND Minot, ad	965			
	(o/WENS	97.1	IN Shelbyville-Indy)	50			
1139	*KYYZ	96.1	ND Williston, o	1048			
	(o/WQLK	96.1	IN Richmond)	35			
1200	KPRJ	91.5	ND Jamestown, c	813	0652	*WJBR	99.5 DE Wilmington, 522
	(All ND NPRs // to each other in Ed Band)				(See comments!)		State #44
11 tr					(o/WZPL	99.5	IN Greenfield-Indy) 50
0121	KZMM	100.7	MO Troy, k	310	2 Es		
	(WNGI	100.7	IN Terre Haute, off)	118	1450	KGNZ	88.1 TX Abilene, g 961
11 Es					12 ms		
1623	CIEU	94.9	PQ Carleton, FF	1048	??	KNTU	88.1 TX Denton 808
1640	WHOM	94.9	NH Mt. Wash., mr	777	16 ms		
1700	WSYI	94.9	ME Millinocket, k,	924	??	KMPR	88.9 ND Minot 965
			"North Country-95"		17 Es		
1705	CHME	94.9	PQ Les Escoumins, FF	989	1627	KOYE	94.9 TX Laredo, k 1193
1713	*CFNJ	99.1	PQ St. Gabriel de	737	1629	KULF	94.1 TX Brenham, k, ads 931
	(See comments!)		Brandon, FF		1630	KLUX	89.5 TX Robstown, psa 1109
	(o/WHKO	99.1	OH Dayton)	67	1631	KHOY	88.1 TX Laredo, b 1193
12 Es					1641	XET	94.1 NL Monterrey, l, SS 1325
1900	KNLE	88.1	TX Round Rock, gr	963	1642	KRIO	94.1 TX Floresville, l 1054
1932	KGNZ	88.1	TX Abilene, g	961	1718	KGNZ	88.1 TX Abilene, g 961
1950	KNTU	88.1	TX Denton, j	808	1810	KDCD	92.9 TX San Angelo, k 1036
2006	KBAT	93.3	TX Midland, r	1090	1815	KEOM	88.5 TX Mesquite, r 807
2022	KFRQ	94.5	TX Harlingen, r	1201	September 1996		
15 Es					4 ms		
1748	KNTU	88.1	TX Denton, psa	808	0154	KLOL	101.1 TX Houston 915
1833	KGNZ	88.1	TX Abilene, g	961	5 tr		
1923	XHMZI	91.1	CL Monclova, l, SS	1302	0110	*WMKR	94.3 IL Taylorville, mr 212
2001	KHOY	88.1	TX Laredo, b	1193	(o/WREB	94.3	IN Greencastle) 87
2010	XET	94.1	NL Monterrey, l, SS	1325	25 ms		
16 Es					??	WVAE	94.9 OH Fairfield- 74
1450	KNLE	88.1	TX Round Rock, gr	963			Cincinnati, Previous tr
1502	KAJZ	93.3	TX Killen, sm. J	934	October 1996		
1510	KCBI	90.9	TX Dallas, g	815	12 ms		
18 ms					??	CJRT	91.1 ON Toronto 391
0600	WSVH	91.1	GA Savannah	610	18 ms		
21 tr					??	KQAA	94.9 SD Aberdeen- 758
0050	*WBRF	98.1	VA Galax, k	342			Watertown-Huron, Previous Es
	(o/WKQQ	98.1	KY Lexington)	155	19 ms		
0143	*WXRA	94.5	NC Eden-	398	0042	WTNT	94.9 FL Tallahassee 678
			Greensboro, pr		??	KGGG	94.9 IA Des Moines, 441
	(o/WDOL	94.5	OH Englewood-Dayton)	59			Previous tr



22 ms (October cont'd)		27 tr	
0059 KQAA 94.9 SD Aberdeen-	758	1900 WSJZ 92.9 NY Buffalo, sm. j	385
Watertown-Huron, again!		1910 WNED? 94.5 NY Buffalo, c	385
0120 KCMO 94.9 MO Kansas City,		29 tr	
Previous tr		0700*WVG 98.9 IL Neoga-	170
? KOLL 94.9 AR Maumelle-	536	Effingham-Mattoon, r	
Little Rock, Previous tr		(o/WBYR 98.9 OH Van Wert	63
		IN Fort Wayne)	
26 tr		30 ms	
1800*WAIV 103.3 IL Spring Valley,	215	? KGGO 94.9 IA Des Moines	441
t mono		November 1996	
(o/WRZX 103.3 IN Indy)	50	4 tr	
27 tr		0000*WTHC 95.9 IN Seelyville-	111
1845 CHIN 100.7 ON Toronto, e, "chin"	391	Terre Haute, k	
1850*CFNY 102.1 ON Toronto, rp	391	(o/WPZZ 95.9 IN Franklin)	60
"Toronto's new rock, the edge"		(__ = new propagation mode)	
(o/WMT 102.1 OH Lima)	79		

## METEOR SCATTER LOGGINGS:

5/10 KBHP "...in downtown Bemidji..."	of something to do, keep your radio
5/13 KOSI "...drug store in the mile	tuned to Way-FM. We've always got info
high city today for some great new ways	for ya. Your place to be..."
to save....Payless Drug Stores..."	6/10 WAYF "...Christian Hit Radio
5/17 KRMD "...new to change your life.	88.1 Way-FM..."
KRMD continuing news time is now 5:02..."	WJIS "...The Joy-FM..." (SID)
6/07 WAYF "...Christian hit radio	7/18 WSVH "...91.1-FM WSVH Savannah
88.1 Way-FM..."	and..WWIO Brunswick..."
6/08 WAYF "...Listen, if you're in need	(Meteor activity quite poor this spring)

7/24 KNTU "...This is Ted Culp. Join me and my group wednesday evenings at nine for little walk live from the landing on the real jazz station, 88.1 KNTU..."

7/28 KETR "...It's thirty minutes past the hour...news 24 hours a day. This is the news station...radio from the associated press - 88.9 KETR Commerce, Texas. AP network news, I'm ? Revus. Investigators continue combing...park.....in Atlanta..."

7/31 KETR "...The East Texas State University Department of Sociology and social criminal justice offers bachelor and master's degree programs with major emphasis on general sociology, sociological research methods..."

KETR "...for today's weather, a little rain outside...the forecast for Commerce..."

KLDN "...The time is 21 minutes...This is member supported FM-89. The weather forecast is partly cloudy with a slight chance of rain...upper 80's to lower 90's...Right now...73 in Eldorado. It's 75 in Nacogdoches and Lufkin..."

8/12 KNTU "...That song we just heard was called...Before that we heard Diane and we started off the set with Surrey with a Fringe on Top. My name's Clint Brey...I'll be with you 'til 3 o'clock this afternoon. Getting back into the music now, we have Wayne Shorter from his release...at 88.1 FM KNTU..."

8/16 KMPR "...Jamestown mostly clear 59."	KGGO touring bus..."
9/04 KLOL "...in Houston now we have..."	10/22 KQAA "...Cool 95 - KQAA Aberdeen-
9/25 WVAE "...of course, having you tune	Watertown and Huron's all oldies..."
to 94.9 the wave. We will help you..."	KCMO "...and our forecast, keep
10/12 CJRT "...CJRT..."	it here for the latest. Right now,
10/18 KQAA "...Cool 95 - KQAA Aberdeen-	it's 42 at KCI..."
Watertown and Huron's all oldies..."	KOLL "...in North Little Rock
10/19 WTNT "...WTNT..." (SID)	and Maumelle..."
KGGO "...plus a free ride on the	10/30 KGGO "...95 KGGO..."

Many thank yous to Alain Pepin, St. Jean, PQ and Dan Oetting, Phoenixville, PA for positively IDing stations heard this summer. The new 91.1 in Monclova, CL is XHMZI and they announce 100 kw. Does that ever get out by Es! A legal ID produced CHME on 94.9 and my 99.1 was CFNJ, both French speaking stations. On 99.5 I phased out WZPL and on tape found the following: "Chesapeake Bicycle Race. Always a great time and great...with Delaware's number one, 99.5..." Dan tells me he used to work overnight at WJBR in Wilmington, DE. Information regarding the bike race is a big event in August. Dan recognized the DJ's voice and even mentioned his name. After two months I did get a reply from WJBR, but Dan's verification was more meaningful to me. Again, thanks for the help! 73 Ralph

DAVE NIEMAN - HO STA GEH ROAD - ROCK CITY NEW YORK 14749

Equipment: Carver TX-11 tuner; IF filter modified. Channel Master model 4408 (Stereo Probe 9) at 60 feet AGL on a Alliance HD-73 rotor. Winegard FT-7600 variable FM trap for 95.7MHz, Belden RG-11/u coax feed.

New loggings are underlined. Call letters in { } are new ones.

**NOVEMBER 1996 DX**17 tropo

1203 WAQB 94.1 NY Brighton, noID, jr\$  
uninterrupted instrumentals 89

**NOVEMBER 1996 DX**17 tropo continued

1300 WITC 95.3 PA Towanda, call, o\$ 103

Winter weather is back so we haven't been spending as much time down here. We can only hope for and early spring.

*Dave*

JOHN EBELING - 9209 VINCENT AVE. SO. - BLOOMINGTON,  
MINNESOTA 55431  
or: 6483 COUNTY ROAD 47 - ALBORN, MINNESOTA 55702

**DX FROM BLOOMINGTON, MN LOCATION:****AUGUST 16, 1996 TR**

2300 "The Beat" 97.7 MN Minneapolis (NOTE 1)

2322 KGPZ 96.1 MN Colerain 166

2343 KMXD 106.3 IA Ankeny 215

**NOVEMBER 1996 DX****3 TR**

1200 KARP 96.3 MN Glencoe, ex 96.1 54

**17 TR**

1530 K280EC 103.9 MN Owatonna (KNGA) 52

**21 TR**

2052 KCPI 94.9 MN Albert Lea, ex 95.3 82

**DX FROM PROSIT, MINNESOTA:****AUGUST 1996 DX****12 TR**

2350 KIGL 104.9 IA Spencer, "Lakes R." 293

**14 TR**

1700 KCAJ 102.1 MN Roseau, KJ102 194

**24 TR**

0013 KSUX 105.7 MN Winnebago 380

0020 KAMI 104.5 NE Cozad 560

0039 WNAX 104.1 SD Yankton 368

2200 KJTY 88.1 KS Topeka 571

2200 KHCD 89.5 KS Salina 618

2204 WERN 88.7 WI Madison 314

2300 KUSD 89.7 SD Vermillion 360

**25 TR**

0906 KOLV 100.1 MN Olivia 192

**27 TR**

2300 CBEB 89.7 ON Manitouwadge, CBC 338

2300 CBSM 89.5 ON Sault Ste Marie 394

2400 WIAA 88.7 MI Interlochen 370

**28 TR**

1425 WJNR 101.5 MI Iron Mountain 232

**DECEMBER 1996****1 TR**

1424 KARP 96.3 MN Glencoe



2000 Indian Hills Drive  
Soux City, IA 51104

NOTE 1: This pirate (97.7 The Beat - Minneapolis) (since shut down) took over the frequency vacated by Duluth's WNCB translator, which was moved by the FCC to 96.3, which also is now off the air due to interference problems with WJMC (WI) & KARP (MN) after they moved from 96.1 to 96.3 (as noted above).

This season turned out to be rather poor. Several good days of Es, but fewer than a "usual" summer. My loggings here in Bloomington are really down this year, only around 22 new stations. Have yet to do a final count. Prosit, however, yielded 91 new stations. John Ebeling

BOB SMOLAREK - 31 MARK DRIVE - HIGH BRIDGE, NEW JERSEY 08829

## JULY 1996

## 1 TR

- 2148 WKTC 96.9 NC Goldsboro,k  
 2149 WRXL 102.1 VA Richmond, r,over WIOQ  
 2152 WBZU 104.7 VA Crewe,r, "The Buzz"  
 2202 WRHT 96.3 NC Morehead City,r  
 2211 WTKF 107.3 NC Atlantic,t  
 2213 WMBX 103.7 VA Richmond,r  
 2218 WPTM 102.3 NC Roanoke Rapids,k  
 2234 WGRQ 95.9 VA Colonial Heights,o  
 2237 WSAY 98.5 NC Rocky Mount,k,STRONG!  
 2249 WFXK 104.3 NC Tarboro,s  
 2250 WAFX 106.9 VA Suffolk,r, STRONG!  
 2251 WLTY 95.7 VA Norfolk,o,completely over  
 WFLN even when aimed right at them!  
 2320 WGNi 102.7 NC Wilmington,r  
 2326 WERX 102.5 NC Edenton,r  
 2334 WCBZ 103.7 NC Williamston,r  
 2336 WLQM 101.7 VA Franklin,k  
 2337 WKDO 98.7 NC Jacksonville,o,"KOOL"

## 2 TR

- 0038 WKIX 96.1 NC Raleigh,k Parked  
 in Warren, NJ

## 2 ES

- 1151 KRVE 96.1 LA Brusly,r,"The River"  
 1154 KSMB 94.5 LA Lafayette,r  
 1155 WZRW 95.1MS Marion, op, "The Arrow"  
 1157 WOKK 97.1MS Meridian, k  
 1157 KMDL 97.3 LA Kaplan,k,"The Dog"  
 1200 KFTE 96.5 LA Breaux Bridge,op  
 1202 WMAW 88.1 MS Meridian,c  
 1204 WMAU 88.9 MS Bude,c  
 1212 KTDY 99.9 LA Lafayette,r  
 1214 WBBN 95.9 MS Taylorsville,k,  
 "Pine Belt Country"  
 1219 WGGZ 98.1 LA Baton Rouge,  
 op,"Eagle 98.1"  
 1222 WTUG 92.9 AL Tuscaloosa,s  
 1222 KDEA 93.7 LA New Iberia,r,"The Mix"  
 1223 WBHJ 95.7 AL Tuscaloosa,s,"95.7 Jams"  
 1225 WYCT 94.1 LA Kentwood,k,  
 "Young Country"

## 4 ES

- 1738 WCMQ 92.3 FL Hialeah,S  
 1739 WTMI 93.1 FL Miami,c

## 6 ES

- 1913 KTGL 92.9 NE Beatrice,op,"Eagle"  
 1918 KQKQ 98.5 IA Council Bluffs,  
 r,"Sweet 98"  
 1925 KLBA 96.7 IA Albia,k,"K-96.7"  
 1929 KGGO 94.9 IA Des Moines,rp  
 1935 KMTY 97.7 NE Holdrege,r  
 1939 KKOT 93.5 NE Columbus,k,"Coyote"  
 1954 KOGA 99.7 NE Ogallala,r

## 7 ES

- 2109 WOLX 94.9 WI Baraboo,o  
 56 KKCK 99.7 MN Marshall,r

## JULY 9 ES

- 2015 KBEZ 92.9 OK Tulsa,r  
 2048 KSCS 96.3 TX Fort Worth,k  
 2053 KEWS 94.9 TX Arlington,nt,  
 "They love to change formats, don't they!"  
 2058 KOLL 94.9 AR Maumelle,o  
 2104 WMC 99.7 TN Memphis,r,"FM-100"

## 11 ES

- 1808 WJBL 93.1 WI Ladysmith,o  
 1810 WSCD 92.9MN Duluth, c  
 1815 WMQA 95.9WI Minoque,r  
 1820 WTBX 93.9MN Hibbing,rp  
 1824 CBQN-19 97.3 ON Nipigon,French  
 1832 CBQT 88.3 ON Thunder Bay,  
 CBC program  
 1835 CBQN-20 89.3 ON Thunder Bay,French  
 1840 CJSD 94.3 ON Thunder Bay,rp  
 1910 CITI 92.1 MB Winnipeg,rp

## AUGUST 1996

## 8 TR

- 2330 WYRS 90.7 NJ Manahawkin,g  
 2331 WBZC 88.9 NJ Pemberton,r

## SEPTEMBER 1996

## 5 TR

- 2230 WQRA 94.3 VA Warrenton,o,"WINX"  
 2231 WYSK 99.3 VA Spotsylvania,r  
 2346 WRTL 90.7 PA Ephrata,j,  
 relaying WRTI 90.1

## 6 TR

- 0006 WOIC 88.3 VA Edinburg,g  
 0009 WZBT 91.1 PA Gettysburg,r  
 0100 WWBZ 103.9MD Braddock Heights,r

## OCTOBER 1996

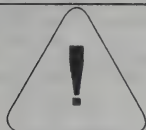
## 1 TR

- 2200 WCBZ 103.7 NC Williamston,r  
 2212 WNCT 107.9 NC Greenville,o  
 2221 WKJX 96.7 NC Elizabeth City,k  
 2222 WGH 97.3 VA Newport News,k  
 2236 WLQM 101.7 VA Franklin,k  
 2318 WXEZ 94.1 VA Yorktown,b,  
 demolishing WYSP!

## 6 TR

- 2000 WPVR 94.9 VA Roanoke,r,"Arrow"  
 2301 WXLK 92.3 VA Roanoke,r





## WELCOME NEW REPORTER!!

**RICHARD W. TURNER - 286 HIXVILLE RD. - NORTH DARTMOUTH MASS 02747-1938**  
 Equipment—Radio Shack STA-300 with indoor amplified FM antenna

### November 25, 1996 2130-2400 EST

89.1 WNPR Norwich CT  
 90.1 WUSB Stony Brook NY  
 90.5 WPKT Meriden CT  
 91.7 WHUS Storrs CT  
 92.1 WOMR Provincetown MA  
 93.5 WJCO Harwichport MA ("The Coast")  
 93.7 WZMX Hartford CT  
 96.7 WEHM Easthampton NY  
 100.5 WRCH New Britain CT ("Lite 100.5")  
 102.3 WVVE Stonington CT  
 104.9 WBOQ Gloucester MA ("W-Bach")  
 105.9 WHCN Hartford CT ("Rock-106")

I am a new member of the WFTDA and this is the first time that I have experienced an opening on FM. I presume this is tropo as the temperatures were in the mid-40s. Will promise to include times and program details in the future, but was too excited this time around. 73s de Rick Turner

**NewsRadio**  
**WGST**  
 640am/105.7fm  
 FIRST. FAST. ACCURATE.



# vhf-uhf Digest

## back issues

The following back issues are still available.

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October 1995	22
November 1995	5
December 1995	51
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February 1996	4
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# SOUTHERN · FM DX:

Danny Buntin  
1312 N. Skyline  
Stillwater, OK 74075

JANUARY 1996

DEADLINE: 14th

SOUTHERN FM DX IS FOR REPORTERS FROM: AL, AR, AZ, CA, CO, DE, DC, FL, GA, HI, KS, KY, LA, MD, MO, MS, NC, NM, NV, OK, SC, TN, TX, UT & WV. Happy DXing!

\*\*\*1130 MI. GULF TROP IN DURING OCTOBER\*\*\*

Steven C. Wiseblood, 1750 N. Minnesota, Brownsville, TX 78521

10/9 tr	540	10/9 tr	
0929 WTKL 95.7 LA New Orleans, "Cool 95.7, o		1931 WZMQ 103.9 FL Key Largo, "Estereo	
0936 WWRM 94.9 FL Tampa, "Warm 95", n 960		Fiesta", SS	1110
0943 WKJC 93.7 AL Birmingham, sermon	840	1936 WLYF 101.5 FL Miami, "Life 101.5", m	1130
1022 WZZK 104.7 AL Birmingham, k		1955 WXDJ 95.7 FL Homestead, SS Salsa	1130
"Today's hot new country"		10/12 tr	300
1049 WBHU 95.7 AL Tuscaloosa, soul	800	0625 KPTY 94.7 TX Luling, "Austin's Mix	94.7"
"97-7 Jams"		0647 XHMZI 91.1 CL Monclova, kl SS	270
1053 WKXI 107.5 MS Magee, "Kicksy 107"	620	0734 KITE 92.3 TX Kerville, ads	
1054 WMBV 91.9 AL Dixon Mills, USA Net, nx		0741 KHAZ 93.3 TX Austin, "Austin's new	
1058 WMEZ 94.1 FL Tampa, ID 720		Jazz", j	300
1208 WRVQ 104.7 FL Tampa, k	960	0801 KKMJ 95.5 TX Austin, mr	300
"Tampa Bays New Country"		"continuous soft favorites"	
1852 WFLZ 93.3 FL Tampa, urban rock	960	0806 KHFI 96.7 TX Georgetown, urban	
"The More Music revolution"		rock, ID	320
1923 WRTO 98.3 FL Miami, hot salsa, SS		0807 KVET 98.1 TX Austin, "Country Gold",	
1929 WRMA 106.7 FL Ft. Lauderdale, 1130		k, ads	300
SS romantica		0828 KUTZ 98.9 TX Lampasas, metal rock	300
		0840 KOXE 101.5 TX Brownwood, k, ID	420
		0847 WACO 99.9 TX Waco, k, ID, promos	360
		0921 KWTX 97.5 TX Temple, urban rock,	340
		"Today's best music", "we're on the web--www.KWTX.com"	

(Hi, Steven, Congrats to you on your fantastic trop catches. DB)

Pat Dyer, WA5IYX, 5315 Silvertip Dr., San Antonio, TX 78228-2744

Realistic TM-1001 tuner (two i.f. mod. w/150 kHz filter) into Allied 426 52-ohm step-attenuator box used to reduce local intermos/overload when needed 6-ele. Archer antenna at 20' with rotor. CST used - new underlined - all es unless noted

84-23-96:		85-86-96:	
1127 KFOR 94.5 NM GALLUP (ID)	697	1854 WHLZ 92.5 SC MANNING (ID)	1128
1123 KXTC 99.9 NM THOREAU (ID)	723	1184 WDOG 93.5 SC ALLENDALE (ID)	1046
1137 KTHQ 92.5 AZ EAGAR (ID)	713	1128 WRNN 94.5 SC MURRELLS INLET (Limbaugh)	1182
1137 KWKY 94.9 NM AZTEC (area ID)	747	1127 WARD 93.5 SC COLUMBIA ("The Rock Alternative")	1079
1138 KXXI 93.7 NM GALLUP (town ID)	722	1137 WZVS 103.9 NC TOPSAIL BEACH (ID)	1275
1148 KSGI 99.7 UT ST. GEORGE (ID)	1012	1136 WKXB 99.9 NC BURGAW (area ads)	1247
1141 KRFM 96.5 AZ SHOW LOW (ID)	741	1136 WJMX 103.3 SC CHERAW ("103-X")	1146
1142 KPCL 95.7 NM FARMINGTON (ID)	747	1137 WHSC 98.5 SC HARTSVILLE (town ID)	1134
1145 KMSN 93.9 AZ FLAGSTAFF ("The Mountain")	843		
1148 KSNE 106.5 NV LAS VEGAS (local ad)	1052	85-11-96:	
1150 KWNR 95.5 NV HENDERSON (ID)	1052	1633 KELC 92.5 SD SIOUX FALLS (ID)	976
1154 KLUC 98.5 NV LAS VEGAS (town ID)	1052	1655 KORS 92.5 MN GOLDEN VALLEY (area TV ad)	1188
1157 KVMN 93.5 AZ SHOW LOW (ID)	746	1656 KSTP 94.5 MN ST. PAUL ("KS-95")	1116
1155 KILA 98.5 NV LAS VEGAS (ID)	1051	1725 KXTN 93.5 MN WORTHINGTON (ID)	987
		1729 KHBT 97.7 IA HUMBOLDT (ID)	947
84-25-96:		1754 KJJY 92.5 IA ANKENY (town ID)	884
0041 KSEH 94.9 LA COUSHATTA (tr;area wx)	359	2122 KYOT 95.5 AZ PHOENIX ("Coyote")	836
0042 KOKI 95.3 LA BAYOU VISTA (tr;ID)	438	2126 KUFD 97.9 AZ TEMPE (area ad)	836
0610 KZMZ 96.9 LA ALEXANDRIA (tr;ID)	379	2129 KDVH 93.3 AZ MESA (ID)	836
0519 WCKW 92.3 LA LA PLACE (tr;area ID)	473	2135 KMST 94.5 CA BRALEY (k;west*)	1026
		2139 KCLB 93.7 CA COACHELLA (area ad)	1077
85-03-96:		2145 XHRM 92.5 BCN TIJUANA ("The Flash")	1111
0300 KJAX 92.7 TX SLATON (tr;ID)	348	2146 VYXY 96.5 CA SAN DIEGO (area traffic report)	1124
0305 KXTD 93.7 TX LUBBOCK (tr;Nagc 93.7*)	339	2151 XHBA 104.1 BCN MEXICALI (town ID)	
0352 KFMX 94.5 TX LUBBOCK (tr;town ID)	339	2157 KJOX 93.1 AZ YUMA (town ID)	973
		85-12-96:	
85-04-96:		1703 KVOO 92.5 CO GREELEY (cx; area ID)	815
0249 WDCX 92.7 LA CLINTON (tr;ID)	457	1704 KCMH 92.5 MT MILES CITY (ID)	1229
0258 WUAL 91.5 AL TUSCALOOSA (tr;net ID)	785	1746 KBZN 97.9 UT OGDEN ("The Breeze";jz)	1133
0210 KOLL 94.9 AR MAUMELLE (tr;Cool 95*;area ID)	587	1748 KXHV 92.5 ID RUPERT (k;The Cat*)	1235
0216 WMLI 92.3 AL MONTGOMERY (tr;.MI*)	761	1751 KEJZ 95.7 ID TWIN FALLS (ID)	1267

## SOUTHERN FM DX

JANUARY 1996

## 05-12-96

1752 KQSW 96.5 WY ROCK SPRINGS (local ad) 1014  
 1758 KZHT 94.9 UT PROVO (area ad) 1059  
 1802 KRSG 107.9 UT ROY (ID) 1124  
 1806 KRAI- 93.7 CO CRAIG (town ID) 919  
 1808 KUMT 105.7 UT CENTERVILLE ("Mountain") 1007  
 1814 KRSP 103.5 UT SALT LAKE CITY (state ID) 1007  
 1817 KSDP- 104.3 UT SALT LAKE CITY (ID) 1007  
 1827 KUBL 93.3 UT SALT LAKE CITY ("K-Bull") 1007  
 1839 KYKN- 103.9 UT NEPHI (NBA Jazz game) 1038

## 05-15-96:

2346 MCKW- 92.3 LA LA PLACE (tr;ID) 473

## 05-16-96:

0003 MCKW- 92.3 LA LA PLACE (tr;ID) 473

## 05-19-96:

1007 KBIF- 94.9 NM ROSWELL (tr;ID) 395  
 1138 KPFX 98.7 CA LOS ANGELES (ID) 1186  
 1202 KZBA 97.7 CA SHAFTER (ID) 1265  
 1214 KZIQ- 92.7 CA RIDGECREST (ID) 1185

## 05-20-96:

0052 KNFM 92.3 TX MIDLAND (tr;ID) 284  
 0056 KGIP 96.9 TX ODESSA (tr; "97-Gold") 284

## 05-21-96:

0907 WZRK 93.5 MI HAMCOCK (area PSA) 1329  
 0946 KSTP- 94.5 MN ST. PAUL ("KS-95") 1116  
 0952 WAIR 92.5 MI ATLANTA (ID) 1323  
 1013 WLKM- 95.9 MI THREE RIVERS (ID) 1122  
 1014 KMAQ- 95.3 IA MAQUOKETA (local ad) 977  
 1023 MBWI 92.5 WI WEST BEND (town ID) 1118  
 1025 WRJO 94.5 WI EAGLE RIVER (area ads) 1255  
 1031 WZJM 92.3 OH CLEVELAND HEIGHTS ("Jammin 92.3") 1263  
 1033 WCLR 95.7 OH PIQUA ("Cool 95") 1095  
 1048 WLAJ 96.9 MI GRAND RAPIDS ("LAV") 1182  
 1053 WCFX 95.3 MI CLARE ("CFX";area wx) 1243  
 1056 WOOD- 105.7 MI GRAND RAPIDS (town ID) 1165  
 1058 WCEM- 94.5 MI MT. PLEASANT ("CEM") 1236  
 1059 WQAL 104.1 OH CLEVELAND ("Q-104") 1251  
 1101 WLHT 95.7 MI GRAND RAPIDS (ID) 1176  
 1106 KQRS- 92.5 MN GOLDEN VALLEY (area ads) 1188  
 1109 WBRK 92.5 KY OWENSBORO (state ID) 868  
 1116 WTPJ 107.9 IN INDIANAPOLIS (town ID) 1004  
 1116 W6TR 107.9 SC BUCKSPORT ("Gator 107.9") 1182  
 1119 WNNW 98.5 MI COLDWATER (area ad) 1152  
 1122 WQMX 94.9 OH MEDINA (ID) 1243  
 1124 WYND 106.1 OH MANSFIELD (area/local ads) 1188  
 1126 WTLG- 105.7 IN INDIANAPOLIS (IN Lottery) 1004  
 1131 WKUZ 95.9 IN MABASH (ID) 1064  
 1132 WYAV 104.1 SC CONWAY (area ad) 1182  
 1134 WLBC- 104.1 IN MUNCIE (ID) 1049  
 1136 WXPJ 97.9 IN ANDERSON (local ad) 1031  
 1140 WVGJ 104.1 MI GRAND RAPIDS (cx) 1165  
 1141 WZBD 92.7 IN BERNE (local wx) 1005  
 1144 WBCT 93.7 MI GRAND RAPIDS ("B-93";t) 1161  
 1153 WUSW 96.9 WI OSHKOSH (ID) 1158  
 1155 WKHY 93.5 IN LAFAYETTE ("KHY") 998  
 1156 WLUP 97.9 IL CHICAGO (312 area code) 1053  
 1200 WLQT 97.7 IN RENSSELAER (ID) 1021  
 1201 WNUK 102.1 MI KALAMAZOO (NPR nx) 1151  
 1201 WYCA 92.3 IN HAMMOND (ID) 1042  
 1208 WCNL 95.9 IL CARLISVILLE (ID) 840  
 1209 WHOI 97.7 IL HOMMOUTH (local wx) 907  
 1218 WAPL- 105.7 MI APPLETON (local ad) 1188  
 1220 WVBQ 103.9 WI OSHKOSH (area ads) 1147  
 1222 WBNW 104.1 IL LE ROY (WHOI TV ad) 936  
 1224 WVVX 103.1 IL HIGHLAND PARK (ethnic) 1061

1226 WMYL 94.5 KY LEXINGTON ("Mix 94.5") 1005  
 1230 WSMI- 106.1 IL LITCHFIELD (state ID) 846  
 1234 KOKZ 105.7 IA WATERLOO (ID) 963  
 1239 WFWI 92.3 IN FT. WAYNE ("The Fort") 1099  
 1241 WKIO 92.5 IL URBANA ("Oldies 92") 938  
 1242 WCRG 95.7 IL EFFINGHAM (ID) 876  
 1253 WQJD 105.1 IL EVANSTON (Spanish) 1053  
 1254 WKBQ- 104.1 IL JERSEYVILLE (area ID; WX--) 801  
 1256 WMLH 96.5 WI MILWAUKEE ("KLH") 1110  
 1301 KQWC 95.7 IA WEBSTER CITY (ID) 935  
 1308 KNXX 94.9 MN COLD SPRING (area ad) 1102  
 1310 KITN 93.5 MN WORTHINGTON (ID; "The Kitten") 987  
 1313 WJDD 93.9 KY BURNSIDE (area ad) 923  
 1319 KSDH 96.5 IA AUDUBON (area ad) 853  
 1319 KIAQ 96.9 IA CLARION (area ad) 943  
 1341 KLZY 92.5 WY POWELL (area ad) 1183  
 1349 KTAK 93.9 WY RIVERTON (area wx) 1056  
 1354 KMTN 96.9 WY JACKSON (ID) 1175  
 1009 KUNZ 90.5 WY ROCK SPRINGS (WY Public Radio) 1025  
 1415 KRAI- 93.7 CO CRAIG (ID) 919  
 1418 KRKZ 93.5 OK ALTUS (tr;town ID) 347  
 1423 KVFM 94.5 UT LOGAN (ID) 1136  
 1424 KEZJ- 95.7 ID TWIN FALLS (ID) 1267  
 1425 KKMV 92.5 ID RUPERT (k; "The Cat") 1235  
 1431 KPXY 94.9 ID POCATELLO (oldies) 1204  
 1433 KZJH 95.3 WY JACKSON (local ad) 1175  
 1440 KOUU- 104.1 ID AMERICAN FALLS (area ads) 1208  
 1451 KBZN 97.9 UT OGDEN ("The Breeze") 1133  
 1458 KZHT 94.9 UT PROVO ("Hot 94") 1059  
 1459 KYFO- 95.5 UT OGDEN (ID) 1116  
 1501 KUBL- 93.3 UT SALT LAKE CITY ("K-Bull") 1007  
 1502 KUMT 105.7 UT CENTERVILLE ("The Mountain") 1007  
 1508 KYKN- 103.9 UT NEPHI (area ads) 1038  
 1509 KSDP- 104.3 UT SALT LAKE CITY (area ad) 1007  
 1519 KKWZ 93.7 UT RICHFIELD (area ads) 1000  
 1529 KMXU 105.1 UT MANTI (ID) 1011  
 1539 KSSD 92.5 UT CEDAR CITY (area ads) 1018  
 1543 KBRE- 94.9 UT CEDAR CITY (local ad) 1009  
 1545 KZEE 93.5 UT ST. GEORGE (local ad) 1010  
 1704 WHLZ 92.5 SC MANNING (ID) 1128  
 1923 WWHO 93.5 IN HARTFORD CITY ("3MO") 1059

## 05-22-96:

0819 KZHZ 96.9 LA ALEXANDRIA (tr;ID) 379  
 0825 KHYI 95.3 TX HOME (tr; "real country") 303  
 0832 KYKS 105.1 TX LUFKIN (tr; "Kicks-105") 269  
 0851 WZKL 92.5 OH ALLIANCE ("Cool 92";area ads) 1254  
 0856 WDXD 105.9 PA PITTSBURGH ("The X") 1294  
 0905 WZLR 95.3 OH XENIA (oldies;area ID) 1008  
 0913 WKTW 95.3 OH KENTON (ID) 1144  
 0913 WLMR 95.3 OH NORMALK (area ads) 1208  
 0921 WCLR 95.7 OH PIQUA (area ads) 1095  
 0938 WKQT 95.5 MI DETROIT ("Fox 2" ad) 1239  
 0939 KVDL- 105.9 LA OPELOUSAS (tr; area ad) 396  
 0945 IHRK 95.7 NL MONTEREY (tr; "X-Rock") 281  
 1315 WMYL 94.5 KY LEXINGTON ("Mix 94.5";town ID) 1005

## 05-23-96:

0858 KSCR- 93.5 MN BENSON (town ID) 1106  
 0926 KKMS 105.9 MN WADEMA (area ads) 1199  
 0932 KQWQ 92.5 MN WARRAD ("Q-92";area ads) 1352  
 0935 KRCQ 102.3 MN DETROIT LAKES (local ad) 1286  
 0938 KLAZ 105.9 AR HOT SPRINGS (tr;ID) 469  
 0959 KIRA- 92.3 MN ALEXANDRIA ("KX-92") 1149  
 1009 KKOK 95.7 MN MORRIS (town ID) 1123  
 1027 KOYN 93.9 TX PARIS (tr;ID) 352  
 1027 KSSN 95.7 AR LITTLE ROCK (tr; "Kissin'" wx) 512  
 1034 KNCW- 96.5 SD SIOUX FALLS (ID) 976  
 0859 KDSU 91.9 ND FARGO (ND State U ID) 1213  
 0219 KLIS 95.3 SD PIERRE (ID) 1033

## SOUTHERN FM DX

05-24-96:				
0912 KRAV	96.5	OK	TULSA (tr;ID)	486
0914 KVOO-	98.5	OK	TULSA (tr;ID)	486
0920 KDMA	92.5	OK	OKLAHOMA CITY (tr;area ad)	424
0921 KMLG	104.1	OK	OKLAHOMA CITY (tr;ID;wx)	424
0924 KREK	104.9	OK	BRISTOW (tr;ID)	453
0924 KBBJ	105.9	MO	NIXA (tr;ID)	624
0928 KEZA	107.9	AR	FAYETTEVILLE (tr;area ID)	514
0936 KHTT	106.9	OK	MUSKOGEE (tr;"K-Hits")	471
0938 KOSP	105.1	MO	WILLARD (tr;oldies;area ads)	613
0946 KEOK	97.7	OK	PAULS VALLEY (tr; area ad)	368
0953 KZBB	97.9	OK	POTEAU (tr;"Zebra")	449
1550 WVK5	92.5	OH	TOLEDO ("Kiss FM")	1181
1556 CJBX	92.7	OM	LONDON ("BX-93")	1342
1683 WMYD	92.3	MI	DETROIT ("Mix 92.3")	1238
1620 WCLR	95.7	OH	PIQUA (area ads)	1095
1623 WBUT	93.3	IN	KENDALVILLE (471-WBUT phone)	1111
1624 WLBC-	104.1	IN	MUNCIE (ID)	1049
1626 CIMJ	106.1	OH	GUELPH ("Magic 106")	1398
1629 WYTR	104.1	MD	MALDORF ("K-tra")	1390
1630 WTPJ	107.9	IN	INDIANAPOLIS (ID)	1004
1636 CKDK	103.9	OH	WOODBROOK (town ID)	1361
1638 WNNW	98.5	MI	COLDWATER (area ad)	1152
1639 WDHK-	105.1	IN	DECATUR ("K-105"; area ad)	1102
1639 WQRS	105.1	MI	DETROIT (cx)	1239
1644 WLEW-	102.1	MI	BAD AXE (town ID)	1308
1646 WJXZ	106.1	MI	JACKSON ("90-106";area wx)	1182
1649 WTLZ	107.1	MI	SAGINAW (area ad)	1254
1654 WKHY	93.5	IN	LAFAYETTE ("KHY")	998
1657 WKLT	98.9	MI	PETOSKEY (area ad)	1329
1659 WCMW	103.9	MI	HARBOR SPRINGS (CM Univ)	1329
1703 WAIR	92.5	MI	ATLANTA (ID)	1323
1703 WHMI	93.5	MI	HOWELL (ID)	1220
1705 MEVZ	95.3	IN	BROOKSTON (ID)	1012
1706 WZTR	95.7	WI	MILWAUKEE (ID)	1110
1713 WCFY	95.3	MI	CLARE ("CFY")	1243
1718 WNIJ	96.9	IL	ZION (cx)	1078
1721 WRXX	95.3	IL	OTTAWA (town ID)	986
1722 WUPQ	97.9	MI	NEWBERRY ("Hot Country")	1358
1723 WKHO-	105.9	MI	CHARLEVOIX ("KHO")	1389
1727 WKTJ	94.5	WI	MILWAUKEE (ID)	1110
1740 WKQI	95.5	MI	DETROIT (Tiger BB promo)	1239
1743 WOLX	94.9	WI	BARABOD (area ad)	1002
1746 WELL	104.9	MI	MARSHALL (town ID)	1167
1749 WOOD-	105.7	MI	GRAND RAPIDS (local ad)	1165
1751 IIXK	108.7	IL	KANKAKEE (ILS; Morse ID)	1003
1806 WLMT	95.7	MI	GRAND RAPIDS (ID)	1176
1811 WMTZ	99.3	MI	ALPENA (k; state ID)	1341
1812 WUGN	99.7	MI	HIGHLAND (rel)	1240
1816 WDOR-	93.9	MI	STURGEON BAY (area ad)	1228
1816 WCEW-	94.5	MI	MT. PLEASANT ("CEN")	1236
1820 WLAJ	96.9	MI	GRAND RAPIDS ("97-LAV")	1182
1831 WKJZ	94.9	MI	HILLMAN (ID)	1338
1842 WELG	99.9	MI	ROGERS CITY (area ads)	1359
1853 WBCM	93.5	MI	BOYNE CITY (area ad)	1389
1916 WYCA	92.3	IN	HAMMOND (rel)	1042
1951 WQZZ	93.5	WI	NEW LONDON (area ad)	1176

05-25-96:				
1934 KKMV	92.5	ID	RUPERT ("The Cat")	1235
1940 KLIX-	96.5	ID	TWIN FALLS (state ID)	1263
1942 KQFC	97.9	ID	BOISE (ID)	1377
1943 KEZJ-	95.7	ID	TWIN FALLS (ID)	1267
1951 KLCT	96.9	ID	WAMPA (local ad)	1377

05-27-96:				
1145 KDLO-	96.9	SD	WATERTOWN (area ad)	1071
1153 KELO-	92.5	SD	SIOUX FALLS (local ad)	976
1154 KKOK	95.7	MN	MORRIS (town ID)	1123
1155 KDLX-	106.1	ND	LISBON (town ID)	1172
1159 KFMY-	97.9	ND	FARGO (town ID)	1199

## Dyer, cont.

JANUARY 1997

1200 KDSU	91.9	ND	FARGO (local wx)	1213
1725 WKDD	96.5	OH	AKRON (ID)	1150
1735 WNCI	97.9	OH	COLUMBUS (ID)	1242
1755 WZKL	92.5	OH	ALLIANCE (area ads)	1254
1810 WBQT	93.5	WV	BUCKHAMMON ("BTO")	1233

05-29-96:				
1819 KSSD	92.5	UT	CEDAR CITY (local ad)	1010
1820 KZEZ	93.5	UT	ST. GEORGE ("Sunny 93.5")	1010
1920 KKMV	92.5	ID	RUPERT ("Cat Country")	1235
1925 KEZJ-	95.7	ID	IDAHO FALLS (local ad)	1267
1926 KCIX	105.9	ID	BOISE (soft rock)	1377
1937 KQFC	97.9	ID	BOISE (ID)	1377
1937 KPXY	94.9	ID	POCATELLO ("Oldies 94.9")	1204
2014 XHSU-	105.9	BCN	MEXICALI (town ID)	1021
2016 XHSLR	107.9	SO	S L R COLORADO (town ID)	979
2019 XHBA	104.1	BCN	MEXICALI (estado ID)	1019
2021 XHJC	91.5	BCN	MEXICALI (estado ID)	1019
2029 XHRM	92.5	BCN	TIJUANA ("The Flash")	1111

06-01-96:				
1142 WMLZ	92.5	SC	NANNING (area ads)	1120

06-02-96:				
1204 XHSRO	92.5	ML	MONTERREY (tr;Stereo Rey")	282
1400 KBNV	93.7	TX	UVALDE (tr;ID;old rock)	68

06-03-96:				
0919 WOCL	105.9	FL	ORLANDO ("Cool")	1040
0920 WTRS	102.3	FL	DUNWELLOW (local ad)	982
0929 WKKA	92.3	FL	ORLANDO ("K-92";area wx)	1056
0930 WPHB	94.5	FL	PORT ST. JOE ("New Beach 94.5")	799
0933 WMTD	93.5	FL	PORT ST. JOE ("Bubba Radio")	799
0937 WHTQ	96.5	FL	ORLANDO (ID)	1050
0938 WCFB	94.5	FL	DAYTONA BEACH ("Star 94.5")	1032
0944 WPAP	92.5	FL	PANAMA CITY (ID)	002
0950 WTKT	98.5	FL	CRYSTAL RIVER (area ad)	963
0950 WFKS	99.9	FL	PALATKA (area ad;"Kiss FM")	1037
0959 WKGL	96.9	FL	JACKSONVILLE ("Cool FM")	1019
1007 WMLO	104.9	FL	HAVANA (area ad)	844
1008 WMTN	94.9	FL	TALLAHASSEE (ID)	059
1016 WJYF	95.3	GA	NASHVILLE (ID;"Lite 95")	914
1021 WBKR	92.5	KY	OWENSBORO (ID)	068
1022 WIKY	104.1	IN	EVANSVILLE (ID)	061
1023 WVOH-	93.5	GA	HAZLEHURST (town ID)	964
1029 WKIO	92.5	IL	URBANA ("Oldies 92")	938
1038 WLJA	93.5	GA	ELLIJAY (ID)	098
1046 KICK	97.9	MO	PALMYRA (area ads)	016

06-04-96:				
1213 WMLZ	92.5	SC	NANNING (k;ID)	1120
1233 WARG	93.5	SC	COLUMBIA (r;"The Rock")	1079
1251 WFAE	90.7	NC	CHARLOTTE (ID)	1115

06-06-96:				
0937 IHNX	98.9	NC	TOLUCA (town ID)	700
0940 XHSRO	92.5	NL	MONTERREY (tr;Stereo Rey")	282
1013 KAML-	96.9	WY	GILLETTE (ID)	1090
1021 KVOO	92.5	CO	GREELEY (cx)	047
1031 KTAG	97.9	WY	CODY (ID)	1187
1035 KXPX	96.5	CO	EVERGREEN (Denver sports)	792
1036 KTKA	93.9	WY	RIVERTON (local ad)	1056
1041 KIBZ	92.7	WY	RAWLINS (local psa)	976
1045 KLIJ	92.5	WY	POWELL ("Z-92")	1107
1050 KMTN	96.9	WY	JACKSON (area ads)	1175
1902 KQSW	96.5	WY	ROCK SPRINGS (local ad)	1014
1902 KSPN-	97.7	CO	ASPEN (ID)	020
1906 KNFO	106.1	CO	BASALT (area ad)	035
1919 KCVI	101.5	ID	BLACKFOOT (area ads)	1240
1926 KRAI-	93.7	CO	CRAIG (ID)	919
1939 KPXY	94.9	ID	POCATELLO ("Oldies")	1204
1948 KKMV	92.5	ID	RUPERT ("The Cat")	1235

## 06-08-96:

0954 WBTV	93.5	WV	BUCKHAMMON (area ads;ID)	1233
1002 WKDD	96.5	OH	AKRON (local wx)	1252
1005 WCCC	96.5	WV	WILLIAMSON (ID)	1093
1015 WDDJ	93.9	KY	BURNSIDE (area ads;"Oldies 94")	923
1017 WEMH	107.9	OH	HUNTINGTON (rel)	1120
1020 WPAY	104.1	OH	PORTSMOUTH (area ads)	1093
1021 WLGC-	105.7	KY	GREENUP (ID)	1098
1021 WTCR-	103.3	WV	HUNTINGTON (area ads)	1111
1023 WQNF-	105.9	KY	VALLEY STATION (area ads)	939
1027 WRNZ	105.1	KY	LANCASTER (area ads)	901
1031 WBLG	107.1	KY	SMITHS GROVE (area ads)	879
1033 WMLX	94.5	KY	LEXINGTON ("Mix 94.5")	1005
1033 WQMF	95.7	IN	JEFFERSONVILLE ("QMF")	940
1034 WGSX	96.9	KY	PARIS ("Kiss FM")	1010
1042 WFCJ	93.7	OH	MIAMISBURG (rel)	1071
1047 WYGY	96.5	OH	HAMILTON ("Y-96")	1058
1047 WCOL-	92.3	OH	COLUMBUS (ID)	1139
1049 WNCI	97.9	OH	COLUMBUS (ID)	1140
1049 WZKL	92.5	OH	ALLIANCE ("Cool 92")	1254
1057 WVKX	92.5	OH	TOLEDO ("Kiss FM")	1181
1101 WKKO	99.9	OH	TOLEDO (1360 AM;"K-100")	1193
1102 WAZY	96.5	IN	LAFAYETTE (ID)	992
1103 WBCT	93.7	MI	GRAND RAPIDS ("B-93")	1161
1106 WKQI	95.5	MI	DETROIT (town ID)	1239
1123 WLAJ	96.9	MI	GRAND RAPIDS (local psa)	1182
1159 KUNY	91.5	IA	MASON CITY (n. IA psa)	991

## 06-09-96:

1711 WAIR	92.5	MI	ATLANTA (ID)	1323
1719 WVKX	92.5	OH	TOLEDO (local ads)	1181
1733 WNGW	94.5	MI	CASPER ("Star 94")	1011
1733 KTAG	97.9	WY	CODY (local ad)	1187
1735 KVOD	92.5	CO	GREELEY (cx)	847
1737 KIQK	104.1	SD	RAPID CITY ("Kick 104")	1037
1739 KXPX	96.5	CO	EVERGREEN (area ads)	792
1740 KTRS	95.5	WY	CASPER (ID)	1011
1745 KLZY	92.5	WY	POWELL ("Z-92")	1187
1745 KHHH	95.7	CO	DENVER ("K-High")	802
1746 KSLT	107.3	SD	SPEARFISH (ID)	1065
1750 KALC	105.9	CO	DENVER (area ad)	802
1752 KYGO	98.5	CO	DENVER (ID)	805
1753 KXKL-	105.1	CO	DENVER (area ads;"Cool 105")	794
1755 WFMS	95.5	IN	INDIANAPOLIS (ID)	1006
1801 WBCT	93.7	MI	GRAND RAPIDS (ID;"B-93";k)	1161
1821 WHST	106.1	MI	TAMAS CITY (area ads)	1310
1823 WOOD-	105.7	MI	GRAND RAPIDS (local ad)	1165
1825 WKHQ-	105.9	MI	CHARLEVOIX ("KHQ")	1309
1830 WCMW	103.9	MI	HARBOR SPRINGS (CMU psa)	1329
1830 WVVX	103.1	IL	HIGHLAND PARK (ethnic)	1061
1839 WZTR	95.7	MI	MILWAUKEE (ID)	1110
1839 WBCM	93.5	MI	BOYNE CITY (wx)	1309

## (06-09-96):

1844 WBYR	98.9	OH	VAN MERT ("The Bear")	1104
1900 WLHT	95.7	MI	GRAND RAPIDS (ID)	1176
1901 WNIZ	96.9	IL	ZION (cx)	1070
1903 WMTZ	96.5	PA	JOHNSTOWN (area ads)	1338
1904 WFDL	97.7	WI	LOMIRA (area ads)	1129
1918 WGLR-	97.7	MI	LANCASTER (ID)	1021
1920 WUSW	96.9	MI	OSHKOSH ("US-96")	1150
1921 WKRO	95.3	WI	BEAVER DAM (ID)	1106
1939 WKLH	96.5	WI	MILWAUKEE (local ad)	1110
1940 WSTD	96.9	MI	STANDISH (ID)	1284
1942 WQZZ	93.5	WI	NEW LONDON (ID)	1176
1945 WOLX	94.9	MI	BARABOO (area ads)	1082
1953 WFMK	99.1	MI	EAST LANSING (ID)	1200
1954 WMT-	96.5	IA	CEDAR RAPIDS ("96-1/2 FM")	949
1958 WTKM-	104.9	WI	HARTFORD (ID)	1107

## 06-11-96:

1131 WKLL	92.5	OH	ALLIANCE (local ad)	1254
1134 KSNB	94.5	LA	LAFAYETTE (tr;ID)	386
1145 WFCJ	93.7	OH	MIAMISBURG (rel)	1071
1151 WBAR	99.5	OH	CLEVELAND (local ad) our 99.5 off!	1251
1155 KZWA	105.3	LA	LAKE CHARLES (tr;area ad) 105.3 *	317
1204 WDEL	92.7	OH	BUCYRUS (1540 AM)	1175
1235 KBCY	99.7	TX	TYE (tr;"Y-99")	222
1241 KYKS	105.1	TX	LUFKIN (tr;"Kicks")	269
1349 WBWI	92.5	WI	WEST BEND (area ads)	1118
1410 KKOK	95.7	MN	MORRIS (ID)	1123
1422 KQAA	94.9	SD	ABERDEEN (ID)	1008
1424 WMT-	96.5	IA	CEDAR RAPIDS (local ad;"96-1/2")	949
1425 KZBK	96.9	MO	BROOKFIELD (1470 AM;"The Z")	781
1426 KELO-	92.5	SD	SIOUX FALLS (local ad)	976
1426 KOKZ	105.7	IA	WATERLOO (area ads)	963
1428 KZCR	103.3	MN	FERGUS FALLS (local ad)	1100
1541 WHLZ	92.5	SC	MANNING (ID)	1128
1543 WKKS-	104.9	KY	VANCEBURGH (local ad)	1074
1546 WDSY	107.9	PA	PITTSBURGH (local wx)	1292
1552 WDBA	108.3	PA	DU BOIS (ID)	1376
1553 WIDX	105.9	PA	PITTSBURGH (ID)	1292
1556 WCLR	95.7	OH	PIQUA ("Cool 95")	1095
1604 WQJO	105.1	IL	EVANSTON (ethnic)	1053
1605 WEBX	93.5	IL	TUSCULA ("The Web")	921
1608 WTOR-	104.1	NC	WINSTON-SALEM (ID)	1155
1614 WKFR	103.3	MI	BATTLE CREEK (area ad)	1154
1615 WJIX	106.1	MI	JACKSON (area ad)	1182
1616 WYCA	92.3	IN	HAMMOND (rel)	1042
1618 WLAJ	96.9	MI	GRAND RAPIDS ("LAV")	1182
1626 WAIR	92.5	MI	ATLANTA (area ad)	1323
1630 WPAY	104.1	OH	PORTSMOUTH (ID)	1093
1633 WYTR	104.1	MD	WALDORF ("XTRA")	1390
1638 WEMM	107.9	WV	HUNTINGTON (WV rel)	1120
1647 WAGX	103.3	VA	DANVILLE (area ad)	1215
1648 WESC-	92.5	SC	GREENVILLE (ID)	1009
1652 WHEL	103.9	KY	LONDON (area ad)	989
1659 WBCT	93.7	MI	GRAND RAPIDS ("B-93";k)	1161

## (06-11-96):

1700 WLHT	95.7	MI	GRAND RAPIDS (area wx)	1176
1704 WGRD-	97.9	MI	GRAND RAPIDS ("GRD")	1166
1705 WCNL	95.9	IL	CARLINVILLE (ID)	840
1709 WFMF	104.9	MI	REEDSBURG (local ad)	1083
1716 WFXD	103.3	MI	MARQUETTE (ID)	1319
1717 WPVR	94.9	VA	ROANOKE ("The Arrow")	1186
1732 WDFX	94.9	OH	FAIRFIELD ("The Fox")	1048
1733 WEVZ	95.3	IN	BROOKSTOWN (ID)	1012
1733 WCRC	95.7	IL	EFFINGHAM (local ad)	876
1737 WLBH-	96.9	IL	MATTOON (local ad)	903
1740 WJIZ	97.9	SC	BLACKVILLE (area ad)	1046
1750 WXRC	95.7	NC	HICKORY (area ad)	1099
1801 WDEK	92.5	IL	DE KALB (ID)	1017
1837 KQMA	92.5	OK	OKLAHOMA CITY (tr;local ad)	424
1853 KJJY	92.5	IA	ANKENY (ID)	884
1900 KQRS-	92.5	MN	GOLDEN VALLEY (area ad)	1108
1907 KAGE-	95.3	MN	WINONA ("K-95")	1075
1911 KFIL-	103.1	MN	PRESTON (local ad)	1043
1917 KIFB-	95.3	IA	IOWA FALLS (ID)	884

## 06-12-96:

0902 IHSRO	92.5	NL	MONTERREY (tr;"Stereo Rey")	282
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## 06-13-96:

1804 KTAJ	93.9	WY	RIVERTON (ID)	1056
1809 KBQE-	104.9	IA	OSKALOOSA (ID)	883
1815 KCRH	97.7	IA	GRUNDY CENTER (ID)	944
1816 WQCC	106.3	WI	LA CROSSE (local ad;"CC-106")	1067
1817 KJAI	93.9	IA	MASON CITY (local ad)	989
1820 KJJY	92.5	IA	ANKENY (ID;k)	884
1823 KSTP-	94.5	MN	ST. PAUL ("KS-95")	1116

5-13-96

1825 KELD- 92.5 SD SIOUX FALLS (local ad)  
 1832 KEZO- 92.3 NE OMAHA ("7-92";rk)  
 1847 K660 94.9 IA DES MOINES (ID)  
 1848 KIQK 104.1 SD RAPID CITY ("Kick 104")  
 1853 KAML- 96.9 WY GILLETTEE ("Kaml Gold")  
 1859 KNCH 92.5 MT MILES CITY (ID)  
 1919 KJZH 95.3 WY JACKSON (local ad; "KJ-95")  
 1938 KRDE- 94.9 WY SHERIDAN (local ad)  
 1940 KVMF 94.5 UT LOGAN (ID)  
 1944 KBZN 97.9 UT OGDEN ("The Breeze")  
 1946 KEJZ- 95.7 ID TWIN FALLS (ID)  
 some spotty 144-MHz Es into Salt Lake City, UT area  
 1959 KCVL 101.5 ID BLACKFOOT ("Target 101")  
 2024 KZBO 93.7 ID POCATELLO (Idaho; k)  
 2025 KBFC 97.9 ID BOISE (ID)  
 2026 KKMV 92.5 ID RUPERT (area ad)  
 2039 KZHT 94.9 UT PROVO (psa)  
 2041 KPKY 94.9 ID POCATELLO (wx)  
 more spotty 144-MHz Es into Salt Lake City, UT area  
 2233 KSSD 92.5 UT CEDAR CITY (ID)

06-14-96:

0653 KFDX 93.5 CA REDONDO BEACH (Korean)  
 0654 XHRM 92.5 BCN TIJUANA (San Diego tfr rpt)  
 0658 XETRA- 91.1 BCN TIJUANA (ID)  
 0907 XHITZ 98.3 BCN TIJUANA (area ad)  
 0924 KJOK 93.1 AZ YUMA (local ad)  
 1007 KDB 93.7 CA SANTA BARBARA (local ad)

06-15-96:

1336 KKMV 92.5 ID RUPERT (k; "The Cat")  
 1338 KEJZ- 95.7 ID TWIN FALLS (ID)

06-17-96:

0948 WD06- 93.5 SC ALLENDALE (k; area ads)  
 0958 WKCL 91.5 SC LADSON (ID)  
 0959 WHLZ 92.5 SC MANNING (k; ID)  
 1109 WJZF 104.1 GA LA GRANGE (ID;jz)  
 1121 WVKX 92.5 OH TOLEDO (local ad)  
 1130 WJLB 97.9 MI DETROIT (ID)  
 1132 WKHY 93.5 IN LAFAYETTE (area ad)  
 1134 WHMI- 93.5 MI HOWELL (local ad)  
 1137 WJSZ 92.5 MI ASHLEY (ID)  
 1147 WYCA 92.3 IN HAMMOND (rel)  
 1148 WTTX 92.3 IN BLOOMINGTON (area ad)  
 1150 WKRR 92.3 NC GREENSBORO ("Classic Rock 92")  
 1204 WEXX 93.5 IL TUSCOLA ("The Web")  
 1204 WVBR 104.1 MI GRAND RAPIDS (cx)

06-18-96:

0752 WHLZ 92.5 SC MANNING (ID)  
 0754 WMYM 97.7 SC GEORGETOWN (ID)  
 0755 KYKS 105.1 TX LUFKIN (tr; area ad)  
 0830 MCEP 89.7 NC RALEIGH (ID)  
 0835 WBTQ 93.5 WV BUCKHAMMOND ("BTO")  
 0840 WYGE 92.3 KY LONDON (area ad)  
 0851 WJRS 104.9 KY JAMESTOWN (area ad)  
 0852 WAKG 103.3 VA DANVILLE (ID)  
 0900 WRVC 92.7 KY CATLETTSBURG (ID)  
 0905 WFMX 105.7 NC STATESVILLE (local ad)  
 0922 WMMB 105.9 SC NORTH MYRTLE BEACH (area ads)

1005 good 144-MHz Es to GA, NC, AL to 1100  
 1036 AD44Y EM63 (shortest distance, Talladega, AL; gives MUF  
 of Ch 7 for the well-placed)  
 1113 WRDU 106.1 NC WILSON (ID)  
 1119 WTOR- 104.1 NC WINSTON-SALEM (ID)  
 1134 WDCS 105.1 NC DURHAM ("6-105")  
 1139 WWSM 107.9 NC CHARLOTTE ("Sunny")  
 1140 WKRR 92.3 NC GREENSBORO (area ads; "Rock 92")  
 1145 WCON- 99.3 GA CORNELIA (wx)  
 WYGY 96.5 OH HAMILTON (k; "Y-96")

1147 WKTC 96.9 NC GOLDSBORO (area ad)  
 1148 WLQT 99.9 OH KETTERING (area ads)  
 1149 WCLR 95.7 OH PIQUA (area ads)  
 1150 WHKO 99.1 OH DAYTON ("K-99")  
 1152 WZLR 95.3 OH XENIA (//WCLR 95.7)  
 (06-18-96):  
 1153 WFCJ 93.7 OH MIAMISBURG (rel)  
 1154 WDFX 92.5 OH CINCINNATI ("The Fox")  
 1155 WDL 94.5 OH ENGLEWOOD (area ad)  
 1287 WJPS 93.5 IN CHANDLER (ID)  
 1209 WRBT 94.9 IL MOUNT CARMEL (ID)  
 1421 WKIO 92.5 IL URBANA (area ad)  
 1422 WBCT 93.7 MI GRAND RAPIDS (k; "B-93")  
 1430 WTVG 97.7 MI SANDUSKY (local ad)  
 1434 WJSZ 92.5 MI ASHLEY (ID)  
 1435 WVGR 104.1 MI GRAND RAPIDS (Mich net)  
 1438 WELT 104.9 MI MARSHALL (area ads)  
 1443 WOOD- 105.7 MI GRAND RAPIDS ("EZ-105")  
 1443 WZAC 92.5 WV DANVILLE (area ad)  
 1445 WZZZ 92.7 MI FLINT (ID)  
 1446 WAIR 92.5 MI ATLANTA (ID)  
 1449 WAZY 96.5 IN LAFAYETTE (ID)  
 1455 WLHT 95.7 MI GRAND RAPIDS (ID)  
 1507 WUGN 99.7 MI MIDLAND (rel)  
 1514 WITL 95.1 WI KENDOSHA (local ad)  
 1515 WZTR 95.7 WI MILWAUKEE (ID)  
 1517 WUPS 98.5 MI HOUGHTON LAKE (area ads)  
 1519 WJTW 93.5 IL JOLIET (area tfr rpt)  
 1521 WDEK 92.5 IL DE KALB (area ad)  
 1524 WNIZ 96.9 IL ZION (cx)  
 1853 WWSW- 94.5 PA PITTSBURGH ("SMS")  
 1855 WZKL 92.5 OH ALLIANCE (ID; "Cool")  
 1859 WBBB 93.3 OH YOUNGSTOWN (r; ID)

06-19-96:

1912 KTHQ 92.5 AZ EAGAR (ID)  
 1936 KMGH 93.9 AZ FLAGSTAFF (local ad)  
 1944 KSSD 92.5 UT CEDAR CITY (local ad)

06-20-96:

0725 WATR 92.5 MI ATLANTA (area ad)  
 0728 WBCH 93.5 MI BOYNE CITY (TCH net)  
 0736 IRAC 100.7 WI RACINE (ILS; Morse tone ident)  
 0741 WKHQ- 105.9 MI CHARLEVOIX (area ads)  
 0744 WZTR 95.7 WI MILWAUKEE (ID)  
 0752 WBNW 92.5 WI WEST BEND (local ad)  
 0752 WXR0 95.3 WI BEAVER DAM (local ad)  
 0753 WMBJ 105.9 MI EVANSVILLE (area ads)  
 0754 WAPL 105.7 WI APPLETON (ID)  
 0759 WTKM 104.9 WI HARTFORD (ID)  
 0801 WEKZ 93.7 WI MONROE (ID)  
 0809 WVVX 103.1 IL HIGHLAND PARK (Korean)  
 0823 WSYJ 107.3 MI FT. ATKINSON ("Joy")  
 0833 WYZM 105.1 WI MAUNAKEE (area ad; "Y-105")  
 0835 WLHT 95.7 MI GRAND RAPIDS (local ad)  
 0838 WKFR 103.3 MI BATTLE CREEK (ID)  
 0845 WUPR 98.5 MI HOUGHTON LAKE (area ad)  
 0854 WKHY 93.5 IN LAFAYETTE ("KHY")  
 0855 WMT- 96.5 IA CEDAR RAPIDS (local ad)  
 0859 WRXX 95.3 IL OTTAWA (ID)

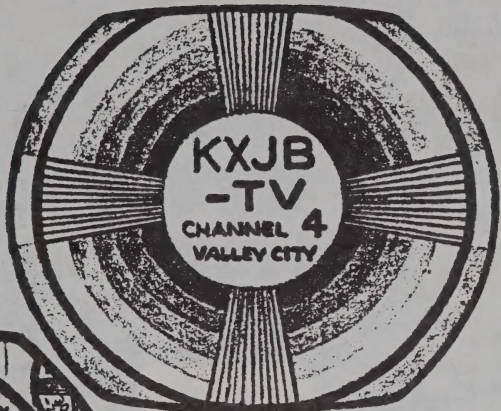
(06-20-96):

1025 KKMV 92.5 ID RUPERT ("Cat-Country")  
 1041 KRJC 95.3 NV ELKO (ID)  
 1049 KKWZ 93.7 UT RICHFIELD (ID)

Pat Dyer's report to be  
 continued next month.....



## ***PATTERNS...***



*from the snow  
swept plains  
of Dakota...*



*to the land  
of sunshine  
and palms...*



EDITED BY TOM BRYANT  
849 TODD PREIS DRIVE  
NASHVILLE, TN 37221  
(PATTERNS DRAWN BY ROBERT  
J. WILLIAMS; TWIN FALLS, ID)

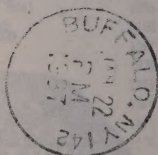


**WORLDWIDE TV-FM DX ASSOCIATION**  
**P O BOX 17333 - ASHEVILLE, NC 28816 - U.S.A.**

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**first class mail**